

CR FORM 6
APR. 1962

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

U. S. D. A.

(Employee's Name)

RT. 5 Box 366

(Street Address)

BEAUMONT, TEXAS

(City and State)

SCALE FOR ESTIMATING RUST

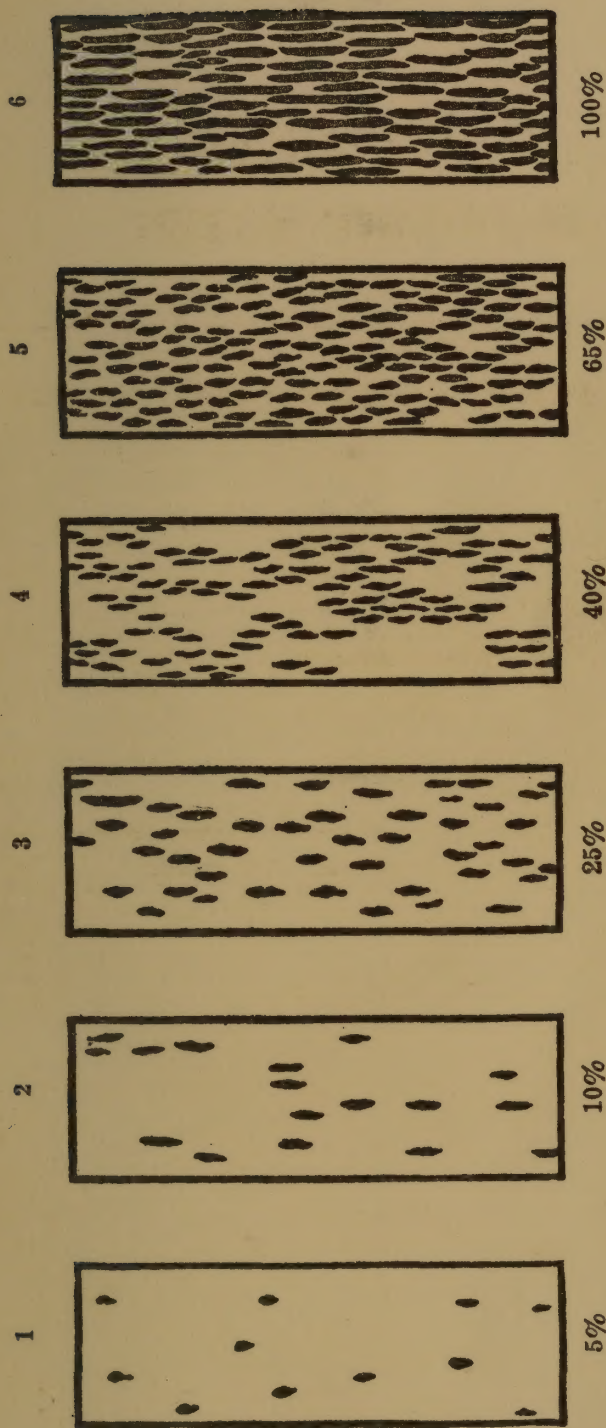


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

DAYS TO MATURITY
IN ().

GROUP I

Note gd. runs.

Sown 4-8-65

			Date 1963	
			1st Head	Full Ripe
1	COLUSA	101	6-22	
		203	6-23	
	CI. 1600	311	6-23	
		413	6-23	
	(1)		6-23	(106)
	Hu 7-30			
2	STg 6102515	102	7-7	
		212	7-7	
	CI. 9580	314	7-6	
		404	7-7	
	(Stg 12-10)		7-7	(120)
3	EARLY PROLIFIC	103	7-7	
		201	7-7	
	CI. 5883	312	7-7	
		408	7-7	
	(3)		7-7	(120)
4	STg 582114	104	7-5	
	LAC. X Z-N	207	7-6	
		313	7-6	
	CI. 9481	407	7-7	
	(4)		7-6	(119)

ADD 30 DAYS TO DATE 1ST HEAD FOR
No. OF DAYS REQUIRED TO MATURITY

Plant Hgt. (in.)	✓ LODG. ING	Iodine ALKALI
32	<u>Biret</u> 33	29
37		(6) L
38		
38		
<u>38</u>		

MILLING YIELDS

% HEAD	% TOTAL
65.5	69.6

38	36	44
38		(7) L
40		
38		
<u>38</u>		

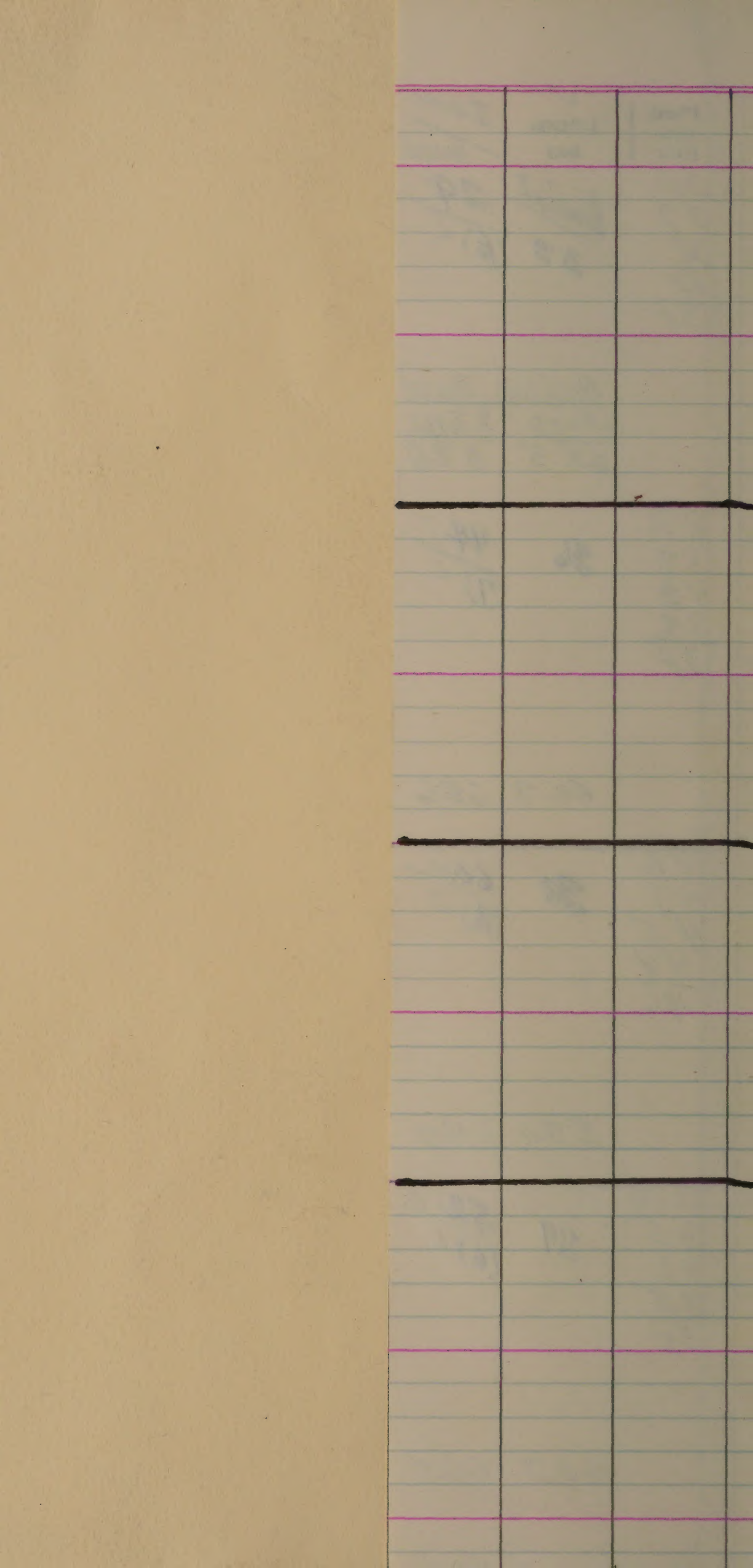
60.7 65.6

46	38	60
47		(3) I
45		
44		
<u>46</u>		

55.0 64.0

34	39	52 P
35		(6) L
36		
35		
<u>35</u>		

60.7 66.0



YIELD DATA

GMS. PER ROW	ACRE YIELD		
	LBS.	BL.	
851			S
865			
858			
893			
	3467	21.4	
980			M
1121			
958			
1000			
	4059	25.1	
1126			M
1130			
961			
1142			
	4359	26.9	
1262			M
1326			
1145			
1343			
	5076	31.3	

			Date	
			1st Head	Full Ribs
5	STJ 616719	105	7-3	
		211	7-2	
	NOVA X ARKROSE	304	7-2	
	CI. 9615	409	7-2	
	(STJ 11-7)		7-2	(115)
	C.I. 9615			
6	ZENITH	106	7-8	
		209	7-8	
	CI. 7787	307	7-8	
	(6)	401	7-7	
			7-8	(121)
7	NOVA	107	7-5	
		204	7-6	
	CI. 9459	301	7-5	
	(7)	411	7-5	
			7-5	(118)
8	R-Z#8 X LAC.	108	7-5	
		206	7-5	
	CI. 8593	309	7-6	
	(8)	414	7-5	
			7-5	(118)

Plant Hgt. (in.)	LODG. ING	I A.
36	Binned 39	34
37		(6) L
38		
37		
<u>37</u>		
	% Head	% TOTAL
	59.2	67.9

43	37	28.0
42		(11) L
45		
42		
<u>43</u>		
	63.2	68.0

38	38	50.0
36		(6) L
36		
38		
<u>37</u>		
	60.4	67.1

38	35	38.0
36		(6) L
37		
37		
<u>37</u>		
	63.9	67.3

[illegible]

FIELD DATA

			GMS. PER ROW	ACRE	YIELD	
				LBS.	BL.	
			1083			M
			1037			
			1044			
			1055			
				4219	26.0	
			1076			M
			1138			
			1013			
			1093			
				4320	26.7	
			1266			M
			1130			
			1129			
			1227			
				4752	29.3	
			1079			M
			1051			
			1049			
			1011			
				4190	25.9	

			Date	
			1st w. +	Full h. -
9	NATO	109	7-6	
		213	7-5	
	C.I. 8998	305	7-6	
	(9)	402	7-6	(119)
			<u>7-6</u>	
10	B5813AP-3-3,	110	7-2	
	PI. 25936 X LAC.	214	7-2	
		302	7-2	
	C.I. 9610	410	7-2	
	(304)		<u>7-2</u>	(115)
	4v8-3			
	Lothar Loh PT. parent.			
11	R-Z X 250 MAG.	111	7-4	
		208	7-5	
	C.I. 9594	308	7-4	
	(11)	412	7-4	
			<u>7-4</u>	(117)
12	SATURN	112	7-2	
		202	7-2	
	C.I. 9540	310	7-2	
	(12)	406	7-2	
	4v8-3		<u>7-2</u>	(115)

PLANT HT. (IN.)	LODG- ING	I H
42	<u>Bursat</u> 36	66.0
41		(6) L
41		
42		
<u>42</u>		

% Head % Total
69.2 70.8

37	37	36
37		(7) L
36		
37		
<u>37</u>		

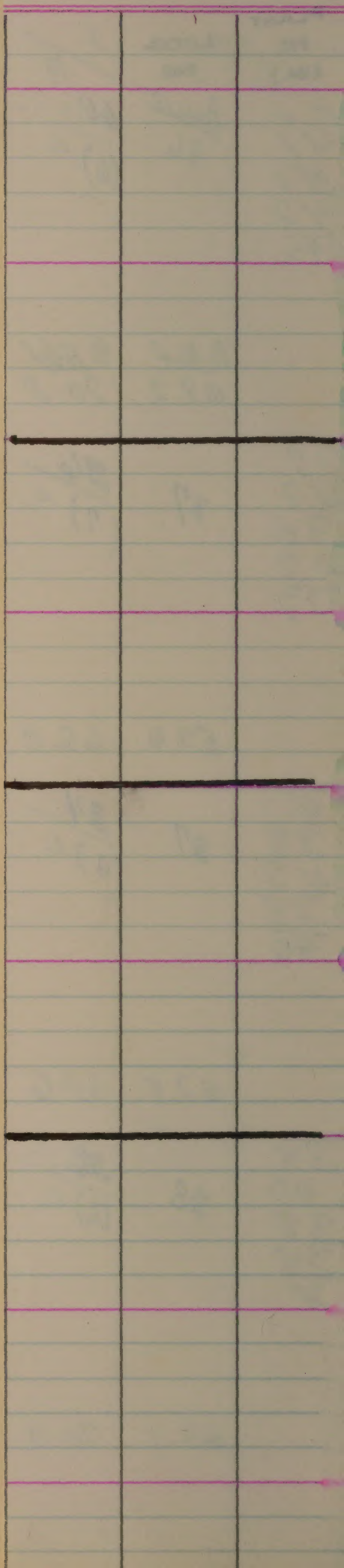
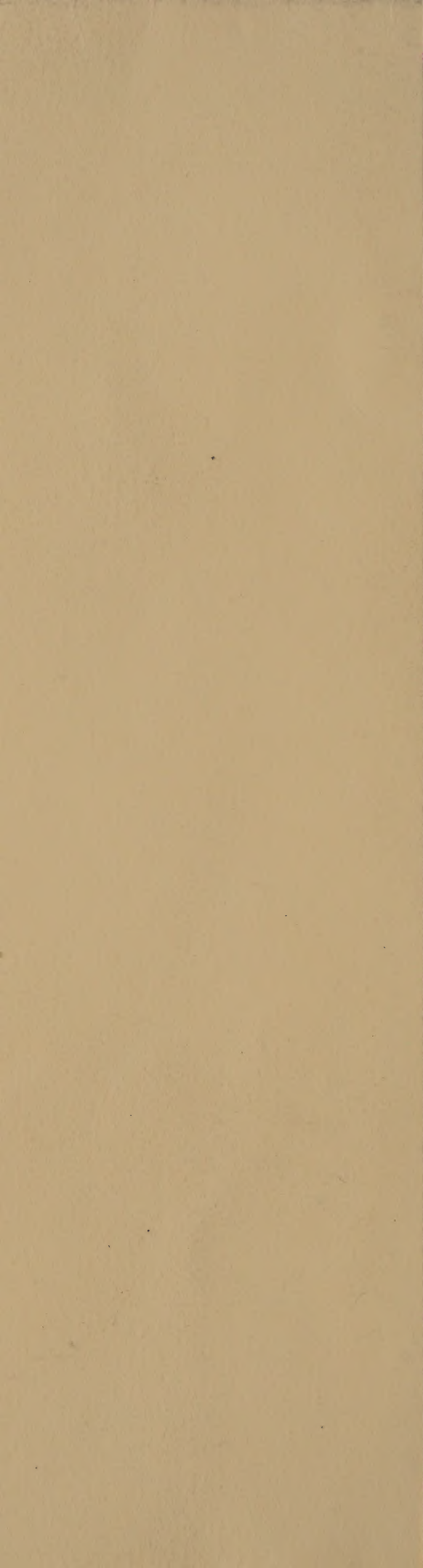
57.6 66.0

40	37	34.5
38		(6) L
42		
38		
<u>40</u>		

62.5 68.6

38	28	36
40		(6) L
38		
38		
<u>38</u>		

65.1 70.0



YIELD DATA

			GMS. PER ROW	ACRE	YIELD	
				LBS.	BL.	
			1177			M
			1120			
			1062			
			1084			
				4493	27.7	
			1026			M
			1071			
			995			
			1043			
				4135	25.5	
			1224			M
			1134			
			1208			
			979			
				4545	28.1	
			1372			M
			1250			
			1276			
			1327			
				5225	32.3	

13

B5818A15.15.2.3

GULF ROSE X PI. 215936

CI. 9600

(13)

Hu P-3

113

205

306

403

Date

1st
HeadFull
Ripe

6-29

6-29

6-29

6-29

6-29

(112)

14

STg 605206

CI. 9509 X ARK ROSE

CI. 9592

(STg 11-9)

114

210

303

405

7-6

7-6

7-7

7-7

7-7

(120)

15

16

PLANT HT. (IN.)	LODG- ING	I A
38	Binned	32 ⁰
34		
36	28	(7) ^L
36		
36		

% Head	% Total
63.0	68.0

38		52
41	29	(7) ^L
37		
37		
38		

51.1	67.7
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[illegible]

[illegible]

GROUP II

			Date	
			1st Head	Full Ripe
21	R-D X R-Z	121	7-9	
		232	7-10	
	C.I. 9483	327	7-10	
		424	7-10	
	(21)		7-10	(123)
	HvP-11			
22	B545A2.37.3.2.1	122	7-11	
	CP-231/2 X H012	225	7-12	
		326	7-12	
	C.I. 9601	434	7-13	
	(22)		7-12	(125)
	Hv. 8-23 over ripe			
23	CENTURY PATNA-231	123	7-9	
		233	7-9	
	C.I. 8993	331	7-9	
		431	7-10	
	(23)		7-9	(122)
	Hv. 8-23			
24	STG 62 HB 1213	124	7-12	
	(C.I. 9453 X C.I. 9187) X BBF-50	223	7-12	
		329	7-12	
	e.I. 9617	421	7-11	
	(STG 496)		7-12	(125)
	Hv 8-11			

PLANT HT. (IN.)	LODG. ING	<i>Iodine</i> <i>Alkali</i>
41	<i>Biret</i> 41	<i>22</i> <i>(4)</i> ^I
41		
44		
40		
<u>42</u>		

% Head *% Total*
57.7 69.0

41	38	<i>7</i> <i>(4)</i> ^I
43		
43		
42		
<u>42</u>		

54.2 67.0

39	41	<i>500</i> <i>(3)</i> ^I
44		
42		
42		
<u>42</u>		

62.9 66.4

39	32	<i>95</i> <i>(7)</i> ^L
43		
43		
43		
<u>42</u>		

65.6 69.8

[illegible]

YIELD DATA

			GMS. PER ROW	ACRE	YIELD	
				LB.	BL.	
			1098			L
			1132			
			1240			
			1126			
				4596	28.4	
			1355			L
			1268			
			1288			
			1324			
				5235	32.3	
			1236			L
			1376			
			1291			
			1296			
				5199	32.1	
			1032			L
			968			
			1136			
			986			
				4122	25.4	

			Date	
			1st Lead	Full Ripe
25	B505A1-28.7.1.2,	125	7-9	
	CP-231 X H0.12	234	7-10	
	CI. 9534	328	7-10	
	(25)	423	7-10	(123)
			7-10	
	H08-23			
26	B572A1.6.5.1,	126	7-6	
	Pt.215936 X CI.9214	230	7-7	
	CI. 9569	321	7-6	
	(26)	422	7-5	(119)
			7-6	
	H08-11			
27	(CP-231 X A-Z) X BBT-50	127	7-12	
		228	7-12	
	CI. 9596	324	7-12	
	(27)	429	7-12	(125)
			7-12	
	H08-23			
28	B5331A2.A.10.1.2.2	128	7-9	
	BBT-50 X H0.10	231	7-9	
	CI. 9602	323	7-10	
	(28)	433	7-11	(123)
			7-10	
	H08-11			

PLANT HT. (IN.)	LODGING	I. A.
39	<u>Buinel</u> 29	12
41		(4) I
41		
40		
40		

% Hand % Total
54.5 67.3

42	35	100
43		(3) I
45		
44		
44		

60.0 68.1

39	38	19.0
40		(4) I
40		
42		
40		

59.9 69.2

41	33	19.0
42		(4) I
41		
42		
42		

52.1 67.3

NAME	AGE	SEX
1	24	(M)
2	25	(M)
3	26	(M)
4	27	(M)
5	28	(M)
6	29	(M)
7	30	(M)
8	31	(M)
9	32	(M)
10	33	(M)
11	34	(M)
12	35	(M)
13	36	(M)
14	37	(M)
15	38	(M)
16	39	(M)
17	40	(M)
18	41	(M)
19	42	(M)
20	43	(M)
21	44	(M)
22	45	(M)
23	46	(M)
24	47	(M)
25	48	(M)
26	49	(M)
27	50	(M)
28	51	(M)
29	52	(M)
30	53	(M)
31	54	(M)
32	55	(M)
33	56	(M)
34	57	(M)
35	58	(M)
36	59	(M)
37	60	(M)
38	61	(M)
39	62	(M)
40	63	(M)
41	64	(M)
42	65	(M)
43	66	(M)
44	67	(M)
45	68	(M)
46	69	(M)
47	70	(M)
48	71	(M)
49	72	(M)
50	73	(M)
51	74	(M)
52	75	(M)
53	76	(M)
54	77	(M)
55	78	(M)
56	79	(M)
57	80	(M)
58	81	(M)
59	82	(M)
60	83	(M)
61	84	(M)
62	85	(M)
63	86	(M)
64	87	(M)
65	88	(M)
66	89	(M)
67	90	(M)
68	91	(M)
69	92	(M)
70	93	(M)
71	94	(M)
72	95	(M)
73	96	(M)
74	97	(M)
75	98	(M)
76	99	(M)
77	100	(M)
78	101	(M)
79	102	(M)
80	103	(M)
81	104	(M)
82	105	(M)
83	106	(M)
84	107	(M)
85	108	(M)
86	109	(M)
87	110	(M)
88	111	(M)
89	112	(M)
90	113	(M)
91	114	(M)
92	115	(M)
93	116	(M)
94	117	(M)
95	118	(M)
96	119	(M)
97	120	(M)
98	121	(M)
99	122	(M)
100	123	(M)

YIELD DATA

			GMS. PER ROW	ACRE	YIELD	
				LBS.	BL.	
			1140			L
			1308			
			1166			
			1091			
				4705	29.0	
			1205			L
			SPILLED	1182		
			1201			
			1177			
				4765	29.4	
			1213			L
			1211			
			1237			
			1305			
				4966	30.7	
			1026			L
			1122			
			1045			
			1171			
				4364	26.9	

29

STg 604202,
(I. 9453 X CI. 9187)CI. 9581
(57/12-1)

HvP-23

129

226

333

425

7-15

7-14

7-14

7-15

7-15

(128)

30

BLUEBELLE

CI. 9544

(30)

Hv. 7-26

130

227

332

426

6-25

6-24

6-25

6-25

6-25

(109)

31

411-1-8 X R-252

CI. 9418

(31)

Hv8-11

131

222

334

430

7-8

7-7

7-7

7-8

7-8

(121)

32

B572A3-47.16.2.2,
PI. 215936 X CI. 9214CI. 9611
(352)

HvP-23

132

221

325

428

7-6

7-5

7-6

7-6

7-6

(119)

PLANT HT. (IN.)	LODG- ING	$\frac{I}{H_i}$
43	Burret 41	$\frac{180}{(4) \pm}$
43		
44		
43		
<u>43</u>		
43		
	$\frac{\% \text{ Head}}{59.8}$	$\frac{\% \text{ Total}}{67.4}$

36	36	$\frac{11.0}{(4) \pm}$
36		
36		
36		
<u>36</u>		
36		
	63.7	68.2

42	36	$\frac{116}{(4) \pm}$
43		
43		
43		
<u>43</u>		
43		
	59.2	72.0

38	38	$\frac{120}{(4) \pm}$
40		
38		
39		
<u>39</u>		
39		
	61.8	69.9

[illegible]

YIELD DATA

			GMS. PER ROW	ACRE	YIELD	
				LBS.	BL.	
			1322			L
			1195			
			1103			
			1183			
				48.03	29.6	
			935			L
			904			
			963			
			996			
				37.98	23.4	
			1068			L
			1060			
			1075			
			1079			
				42.82	26.4	
			1105			L
			1125			
			1036			
			1123			
				43.89	27.1	

33

B533/A3.15.2.1.2.2.

B8T-50 X H0.10

CI. 9604

(33)

Hu 8-11

133

229

322

427

Date	
1st Head	Full Ripe

7-9

7-9

7-8

7-10

7-9

(122)

34

STg 521305,

R. 9689 X (TP X A-SBR)

CI. 9187

(34)

Hu 8-23 over ripe

134

224

330

432

7-11

7-10

7-11

7-11

7-11

(124)

PLANT HT. (IN.)	LODG. ING	I. H.
43	34	17.0
45		(4) I
44		
45		
44		

% Need

54.4

% Total

68.7

39	38	26.0
40		(4) I
41		
41		
40		

54.5

65.5



Date	Description	Amount
1/1/19	To Balance	100.00
2/1/19	By Cash	50.00
3/1/19	To Cash	25.00
4/1/19	By Cash	75.00
5/1/19	To Cash	100.00
6/1/19	By Cash	50.00
7/1/19	To Cash	25.00
8/1/19	By Cash	75.00
9/1/19	To Cash	100.00

GROUP III

			Date	
			1st Head	Full Ripe
41	B572A3-47.2.2.1	141	7-15	
	PI.215936 X CI.9214	251	7-14	
		353	7-13	
	CI. 9612 (347)	452	7-14	
			7-14	(127)
	Nov. 27			
42	B572A3-47.11.2.1	142	7-16	
	PI.215936 X CI.9214	245	7-16	
		352	7-16	
	CI. 9605 (42)	451	7-16	
			7-16	(129)
	Straw hull lgt. Rather large full gr. Pr. apic. H.S.-L)			
43	B6113A2-81.1.1	143	7-23	
	BBT-50/4 X GULF ROSE	244	7-23	
		348	7-24	
	CI. 9613 (5846.66)	446	7-25	
			7-24	(138)
	Nov. 23			
44	BLUEBONNET-50	144	7-23	
		241	7-23	
	CI. 8990	346	7-24	
	(44)	449	7-24	
			7-24	(138)
	Nov. 23			

PLANT HT. (IN.)	LODG- ING	<u>Twelve</u> <u>Alkali</u>
40	Bivert 34	<u>14</u>
42		(3) I
42		
<u>41</u>		
41		

% Head % TOTAL
59.4 68.8

42	40	<u>12.0</u>
42		(4) I
43		
<u>42</u>		
42		

52.4 68.6

49	35	<u>15.0</u>
49		(5) I
49		
<u>48</u>		
49		

54.5 65.2

46	37	<u>17.0</u>
47		(5) I
46		
<u>46</u>		
46		

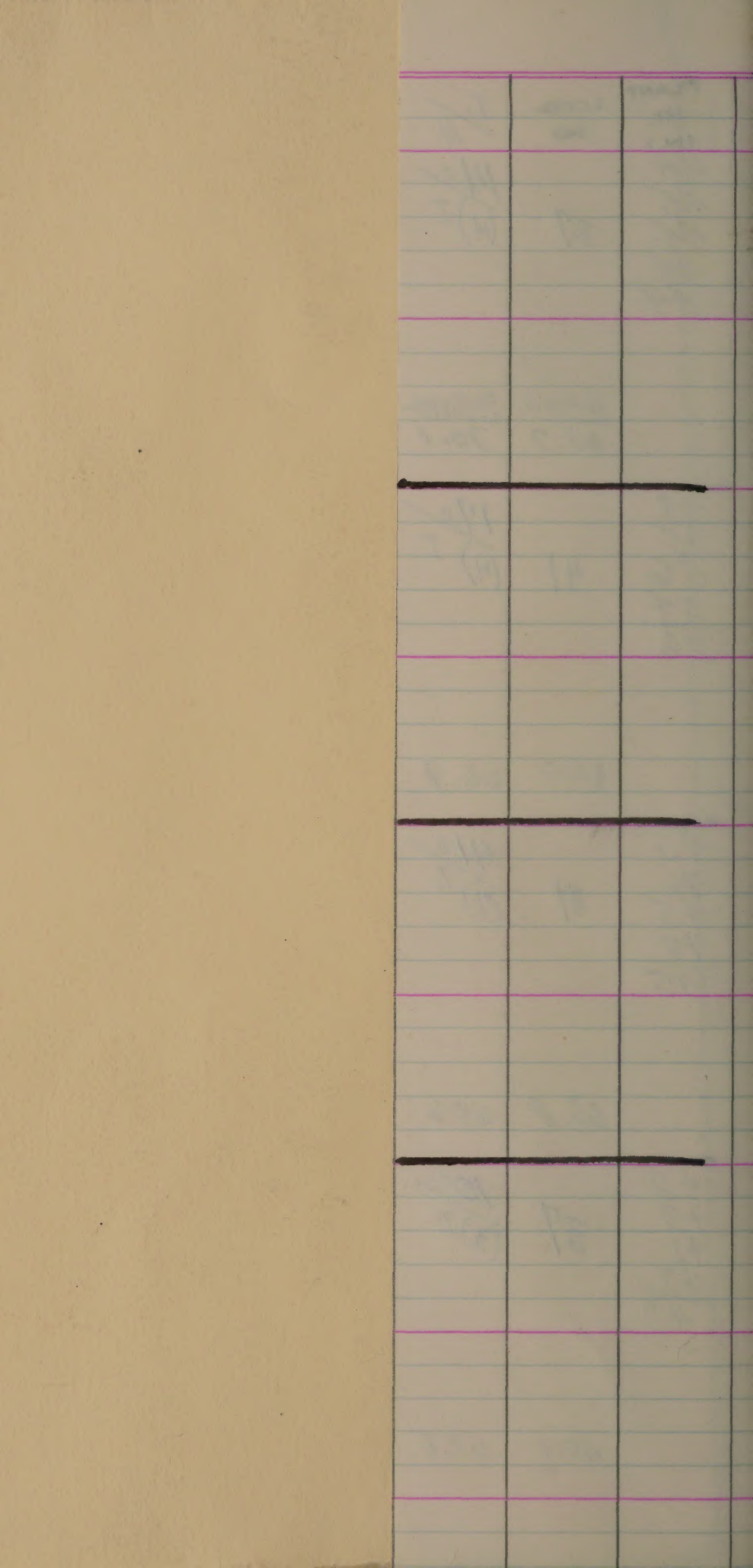
55.7 66.4

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FIELD DATA					
	GMS. PER POW	ACRE	YIELD		
		LBS	B.		
	1194				L
	1129				
	1255				
	1047				
		4625	28.6		
Mixed	(1394)				L
	(1116)				
	1175				
	1126				
		4811	29.7		
	920				L
	1001				
	935				
	1016				
		3872	23.9		
	1031				L
	1046				
	977				
	1129				
		4183	25.8		

			Date	
			1st Head	Full Ripe
45	CI. 9606	145	7-16	
	NATURAL CROSS IN	250	7-15	
	CI. 9402	354	7-17	
	(45)	447	7-16	(129)
			7-16	
	Hu 8-23			
46	FORTUNA	146	7-31	
		248	7-31	
	CI. 1344	351	7-31	
	(46)	445	7-31	(144)
			7-31	
	Hu 8-23			
47	TORO	147	7-20	
		253	7-20	
	CI. 9013	347	7-19	
	(47)	443	7-20	(133)
			7-20	
	Hu 8-23			
48	B572A3-47-6-3,	148	7-16	
	PI. 215936 X CI. 9214,	247	7-16	
		342	7-16	
	CI. 9607	453	7-16	(129)
	(48)		7-16	
	Hu 8-23			

PLANT HT. (IN.)	LODG- ING	I / A.
44		140
45		(4) T
44	37	
44		
44		
44		
44		
% HEAD		% TOTAL
63.7		70.1



49

13d X BC

CI. 9622

(9064.5090)

Hv 8-23

149

252

345

441

Date

1st
HeadFull
Ride

7-16

7-16

7-15

7-15

7-16

(129)

50

B6113A2.49.1,
BBT-50/4 X GULFRSECI. 9614
(6456.88)

Hv 8-23

150

254

341

448

7-22

7-22

7-21

7-21

7-22

(135)

51

STg 623372,
CI. 9453 X BBT-50CI. 9619
(STg 43.16)

Hv 8-23

151

249

343

450

7-17

7-17

7-17

7-16

7-17

(130)

52

STg 604619
CP-231 X BBTCI. 9584
(52)

Hv 8-23

152

242

344

454

7-17

7-16

7-16

7-17

(130)

PLANT		
HT. (IN.)	LODG- ING	I. / A.
38	34	18
40		(6) I
40		
41		
40		

% HEAD 54.5
% TOTAL 70.1

47	37	14.0
48		(5) I
47		
47		
47		

54.5 67.6

44	39	12
44		(5) I
44		
44		
44		

60.4 68.2

39	42	21.0
39		(4) I
40		
40		
40		

62.3 69.0

[illegible]

FIELD DATA

			SMS. PER ROW	ACRE	YIELD	
				LBS.	B.	
			1326			L
			1174			
			1193			
			1252			
				4945	30.5	
			1202			L
			1157			
			966			
			1064			
				4389	27.1	
			1217			L
			1218			
			1101			
			1233			
				4769	29.4	
			1257			L
			1176			
			1187			
			1125			
				4745	29.3	

53

STg 611814
BBT X CP.231
SELS. OF CI.9402
CI. 9585
(53)

153
246
350
442

Date	
1st Half	Full Rate
7-14	
7-14	
7-15	
7-15	
7-15	(128)

Hv8.23

54

(DWF. TPX4NK) X BBT.50
CI. 9551
(54)

154
243
349
444

7-24	
7-23	
7-20	
7-24	
7-24	(137)

Hv8.23

PLANT HT. (IN.)	LODG- ING	I.
41		A
42		14 I
40	35	(3)
41		
41		
% HEAD	% TOTAL	
60.5	69.5	

[illegible]

GROUP VI

Bluebell gd. row.

			Date	
			1st Head	Full Ring
101	NAT ₀ X RR. BOZU	501	6-17	7-15
		603	6-17	
	CI. 9623	707	6-17	
	(No. 5206)	806	6-17	7-15
Hv. 7-15	Heavy veg. growth, leaves tend to blight.		6-17	(98)
	The plot. v. sh. to.			
	Straw hull		2nd cut 9-23	
102	B575A 1.21.1.7.2,	502	6-25	
	CI. 9214 X (CP. 231 X CI. 9122)	609	6-24	
		703	6-25	
	CI. 9598	814	6-24	
	(102)		6-25	(108)
	Looks very much like Bluebell			
	Gold hull			
103	B574A 1.36.2,	503	6-18 S	
	CI. 9214 X CI. 9383	614	6-18 S	
		706	6-18 S	
	CI. 9488	805	6-19 S	
	(103)		6-18 Sep.	(101)
	Straw hull			
	5% or more sterility.			
104	RED-RED X UNK.	504	6-16	7-15
		605	6-16	7-14
	CI. 9425.2	710	6-16	7-14
		813	6-16	7-14
	(104)		6-16	7-14
Hv. 7-15	Straw hull			(97)

PLANT HT. (IN.)	LODG. ING	Iodine Alkali
33	Buret 30	630
32		(17) L
32		
31		
32		

% HEAD	% TOTAL
29.2	70.0

42	34	12
42		(5) I
43		
42		
42		
	64.2	69.7

40	36	11
39		(5) I
39		
39		
39		
	59.4	68.9

42	31	170
42		(5) I
43		
42		
42		
2nd cut	9.27	
	9.4	71.5

A. Trace of bird damage.

D. 5-10% bird damage.

A. Trace of bird damage.

C. severe bird @ 15-20% bird damage.
D. severe bird @ 10% bird damage.

2nd crop

1st crop 26

YIELD DATA

gms/plant	lb./A	Bbl./A	GMS. PER ROW	ACRE	YIELD	
				LESS.	Bbl.	
304			1057			M
220			956			
313			923			
330			884			
	1167	7.2		3820	23.6	
523			955			L
600			1033			
522			1054			
542			1047			
	2287	14.1		4089	25.2	
499			1050			L
479			1107			
547			1163			
409			1045			
	1934	11.9		4365	26.9	
258			1022			L
260			971			
328			815			
261			281			
	1107	6.8		3589	22.2	

			Date	
			1st Head	Full Rice
105	B575A1.21.5.1,	505	6-23	
	CI. 9214 X (CP.231 X CI.9122)	613	6-22	
		708	6-23	
	CI. 9537	812	6-23	
	(105)		6-23	(106)
	Straw hull, Stiff straw, uniform plant.			
106	VE GOLD	506	6-22	
		602	6-23	
	CI. 9386	709	6-23	
		804	6-23	
	(106)		6-23	(106)
	Gold hull			
107	B575A1.52.3.10.1,	507	6-25	
	CI. 9214 X (CP.221 X CI.9122)	604	6-24	
		701	6-25	
	CI. 9608	809	6-24	
	(107)		6-25	(108)
	Gold hull			
108	R-R X R.252	508	6-24	
		610	6-24	
	CI. 9543	704	6-24	
		803	6-24	
	(108)		6-24	(107)
	Fairly long panicle but not much grain/pan. Straw hull Slender stem tends to be wiry.			

PLANT HT. (IN.)	LODG. ING	I. A.
40	35	$\frac{11.0}{(4)^I}$
42		
41		
41		
41		
	$\frac{\% \text{HEAD}}{62.0}$	$\frac{\% \text{TOTAL}}{68.3}$
42	35	$\frac{18.0}{(5)^{\pm}}$
41		
42		
42		
42		
	61.5	70.9
36	29	$\frac{12.4}{(4)^I}$
37		
37		
38		
37		
	63.9	69.9
43	29	$\frac{16.0}{(4)^I}$
43		
43		
42		
43		
	49.1	68.7

1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31	32	33
34	35	36
37	38	39
40	41	42
43	44	45
46	47	48
49	50	51
52	53	54
55	56	57
58	59	60
61	62	63
64	65	66
67	68	69
70	71	72
73	74	75
76	77	78
79	80	81
82	83	84
85	86	87
88	89	90
91	92	93
94	95	96
97	98	99
100	101	102
103	104	105
106	107	108
109	110	111
112	113	114
115	116	117
118	119	120
121	122	123
124	125	126
127	128	129
130	131	132
133	134	135
136	137	138
139	140	141
142	143	144
145	146	147
148	149	150
151	152	153
154	155	156
157	158	159
160	161	162
163	164	165
166	167	168
169	170	171
172	173	174
175	176	177
178	179	180
181	182	183
184	185	186
187	188	189
190	191	192
193	194	195
196	197	198
199	200	201
202	203	204
205	206	207
208	209	210
211	212	213
214	215	216
217	218	219
220	221	222
223	224	225
226	227	228
229	230	231
232	233	234
235	236	237
238	239	240
241	242	243
244	245	246
247	248	249
250	251	252
253	254	255
256	257	258
259	260	261
262	263	264
265	266	267
268	269	270
271	272	273
274	275	276
277	278	279
280	281	282
283	284	285
286	287	288
289	290	291
292	293	294
295	296	297
298	299	300

YIELD DATA

			GMS. PER POW	ACRE	YIELD	
				LES	BL.	
591			1098			L
659			1159			
601			1123			
504			1153			
	2355	14.5		4533	28.0	
554			—			L
548			—			
694			—			
511			1104			
	2307	14.2		4416	27.3	
372			—			L
337			1219			
306			1169			
248			1241			
	1263	7.8		4827	29.8	
335			1161			L
390			1161			
368			1071			
386			1075			
	1429	9.1		4468	27.6	

			Date	
			1st Head	Full Ripe
109	CI. 6008 X REC. 13	509	6-20	
		612	6-21	
	CI. 9597	714	6-20	
		810	6-20	
	(109)		6-20	(103)
	Straw hull of Small stem. 2nd cut 9-23			
110	B575A1-38-3,	510	6-20	
	CI. 9214 X (CI. 231 X CI. 9122)	601	6-21	
		705	6-21	
	CI. 9490	811	6-20	
	(110)		6-21	(104)
	Soft hull Limbon to Bluebell. Fly leaf drops. Straw hull present			
111	R-R X 250 MAG.	511	6-20	
		607	6-21	
	CI. 9553	713	6-21	
		801	6-21	
	(111)		6-21	(104)
	Some later types + pr. hull type present Straw hull. 2nd cut 9-23			
112	St. 611811	512	6-22	
	VEGOLD SEL.	608	6-23	
		711	6-22	
	CI. 9590	802	6-24	
	(112)		6-23	(106)
	Soft hull			

PLANT HT. (IN.)	LODG- ING	I. A.
40		$\frac{210}{(3)^I}$
40		
41	35	
40		
40		
	<u>% HEAD</u>	<u>% TOTAL</u>
	58.5	72.1

39		$\frac{140}{(5)^I}$
41		
39	36	
38		
39		
	61.3	69.9

40		$\frac{330}{(7)^I}$
41		
39	37	
39		
40		
	69.3	73.1

41		$\frac{150}{(4)^I}$
41		
40	34	
39		
40		
	66.8	71.3

[illegible]

YIELD DATA

			GMS. PER ROW	ACRE	YIELD	
				LBS.	B.	
410			1132			L
406			1069			
414			1113			
455			1153			
1685	10.4			4467	27.6	
653			1244			L
585			1115			
550			1162			
607			1201			
2395	14.8			4722	29.1	
445			1123			M
324			1112			
369			1119			
396			1058			
1534	9.5			4412	27.2	
484			1008			L
592			1103			
572			1032			
433			1026			
2081	12.8			4169	25.7	

113

BELLE PATNA

513

6-20

606

6-19

CI. 9433

702

6-22

808

6-21

(113)

6-21

(104)

Straw Luff

2nd cut 9-23

114

BLUEBELLE

514

6-24

611

6-23

CI. 9544

712

6-25

807

6-25

(114)

6-24

(107)

Gold Luff

PLANT HT. (IN.)	LODG- ING	I. / A.
41	33	$\frac{120}{(5)} I$
43		
40		
41		
<u>41</u>		
	<u>% HEAD</u>	<u>% TOTAL</u>
	64.2	70.7
38	26	$\frac{13}{(4)} I$
38		
37		
37		
<u>38</u>		
	64.3	70.2

[illegible]

YIELD DATA

			GMS. PER ROW	ACRE	YIELD	
				1.00	50.	
572			1038			L
474			1164			
485			938			
609			1096			
	2140	13.2		4236	26.1	

424			1288			L
479			1333			
340			1226			
391			1218			
	1634	10.1		5065	31.3	

[illegible]

Plant
Hgt.
(in.)

Plant
Hgt.
(in.)

Plant
Hgt.
(in.)

Plant
Hgt.
(in.)

Plant
Hgt.
(in.)

Plant
Hgt.
(in.)

20
1. 100

20
1. 100

2000
J. 1
1. 100
2000
J. 1
1. 100

2000
J. 1
1. 100

2000
J. 1
1. 100

GROUP I EXTRAS

			Date	
			1st Head	Full Head
301	Sum 4-8			
	Stg 61 HB 1499	1101	7-3	Days to Maturity (116)
		1204	7-2	
	NOVA X GULF ROSE	1307	7-2	
	CI. 9616 (Stg 57-7)		7-2	
	Hv 8-5			
302				
	CRO. 64-5037	1003	7-3	(118)
		1208	7-4	
		1309	7-4	
	(CRO.		7-4	
	Hv 8-5			
		Mgt. straw hull Mid. leaf.		
303				
	B5813A 12.4.1-3.	1103	7-2	(115)
	PI 215,836 X LAC.	1207	7-1	
		1302	7-1	
	(309)		7-1	
	Hv 8-5			
	1966 EXTRA			
		Shk. Mgt. Mar. leaf. Vis small stem. Smooth Straw hull		
304				
	B5813A 15.67.2.3	1002	7-1	(115)
	GULF ROSE X PI 215936	1106	7-1	
		1301	7-1	
	(313)		7-1	
	Hv. 8-5			
		Fuller grain than Gulf Rose. More smooth than before.		

PLANT HT. (IN.)	LODG- ING	1965 IODINE
		ALKALI
37		43
38		L
36		
37		

MILLING	YIELDS
% HEAD	% TOTAL
55.4	68.8

37	53
36	L
36	
36	

72.2	73.0
------	------

38	29
38	L
36	
37	

69.5	71.4
------	------

37	24.5
36	L
36	
36	

64.5	72.1
------	------

DATE	DESCRIPTION	AMOUNT
1/1/20		
1/2/20		
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1/4/20		
1/5/20		
1/6/20		
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1/8/20		
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12/4/20		
12/5/20		
12/6/20		
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12/18/20		
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12/20/20		
12/21/20		
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12/23/20		
12/24/20		
12/25/20		
12/26/20		
12/27/20		
12/28/20		
12/29/20		
12/30/20		
12/31/20		

YIELD DATA

			GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
			971		
			1047		
			995		
				4007	24.7
			1174		
			980		
			1013		
				4212	26.0
			1353		
			1348		
			1178		
				5159	31.8
			1117		
			1056		
			1006		
				4228	26.1

305

B5818A 13.9.1,
GULFROSE X [2. X
(BR_{1/3} X R)]
(315)

1005 7-2
1109 7-2
1210 7-3
7-2

(116)

Hv 8-5

Mgt. mid. leaf.

306

B573A 1.2.5.2.1,
PT. 215936 X CI 9402
(316)

1007 7-6
1110 7-7
1304 2-6
7-6

(120)

Hv 8-5

Mgt. gold hull
Apr. epic. colored like P.
More slender midgr. than H.R. or Mato
H.R. length

307

B5813A 12.5.1,
PT. 215936 X LAC.
(330)

1009 7-10
1107 7-10
1303 7-11
7-10

(124)

1966 EXTRA

Hv 8-11

Mato length but fuller grain.
Some white belly on midgr.
Eye may be hard to mill out.

308

GULFROSE
CI. 9446
(306)

1006 7-2
1201 7-3
1308 7-4
7-3

(117)

Elva 1964

Hv 8-5

PLANT HT. (IN.)	LODG- ING	I. A.
39		24
36		L
35		
37		

% HEAD % TOTAL
64.2 71.2

34		28.5
36		L
34		
35		

67.8 70.3

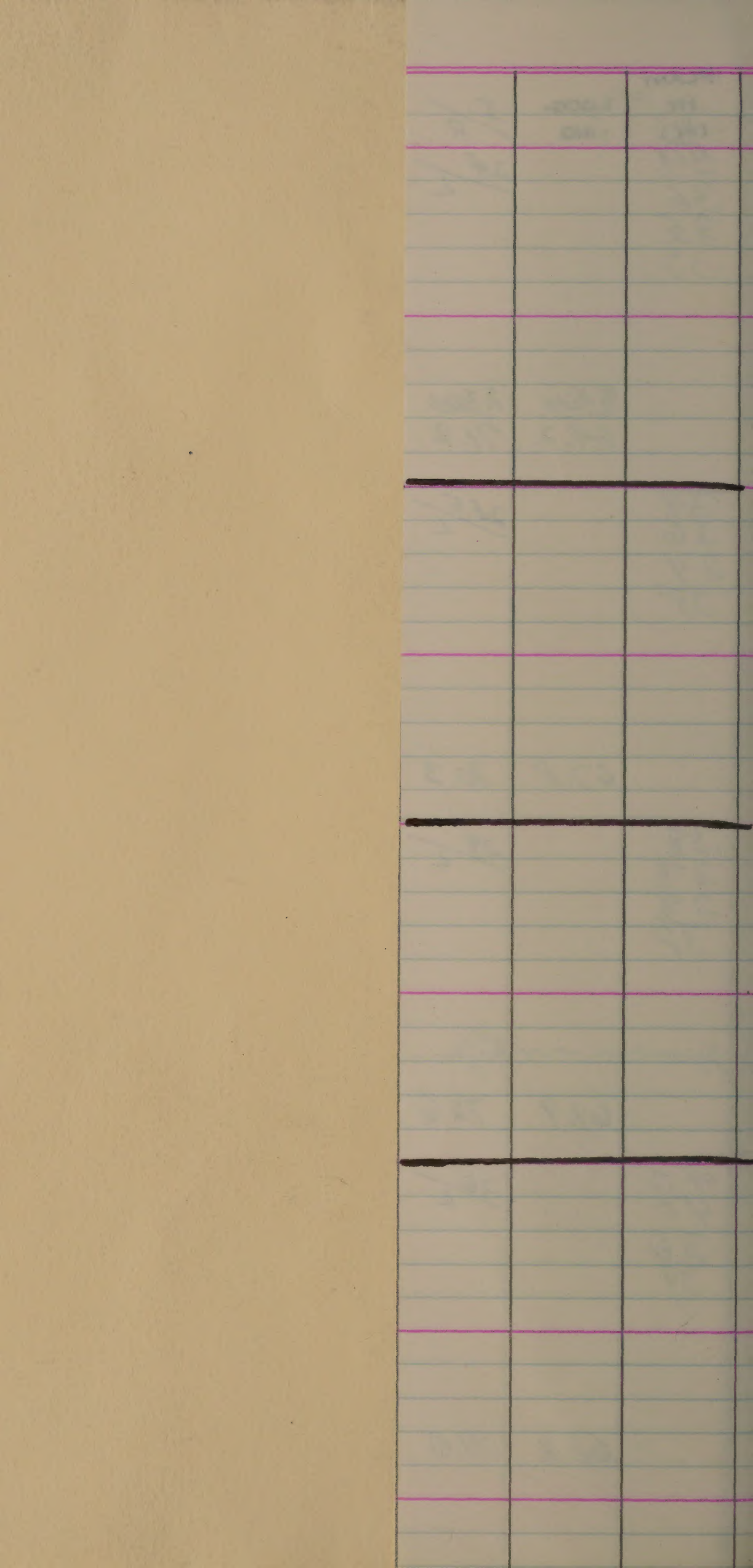
38		29
38		L
38		
38		

appearance in milky gr.

69.9 72.6

40		26
40		L
36		
39		

68.3 71.0



YIELD DATA

			GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
			1080		
			1044		
			976		
				4123	25.5
			1222		
			1117		
			1202		
				4709	29.1
			1271		
			1330		
			1442		
				5377	33.2
			1178		
			1037		
			935		
				4189	25.9

309

B5818A15.77.1.1.2,
GULFROSE X PT.215936

1008
1203
1306

Date	
1st Head	Full Ripe
7-3	
7-3	
7-5	
7-4	(118)

(574)

Hv 8-5

Shortest var. in group.
much flay. Heavy veg growth
Straw ball.
Milled gr. V. irregular in length. Ridged gr.

310

B5818A15.89.2.2.2,
GULFROSE X PT.215936

1001
1205
1305

Date	
1st Head	Full Ripe
7-8	
7-8	
7-8	
7-8	(122)

(576)

1966 Extra

Hv 8-5

Shx hb. Med. wide leaf
Mgt. Particle rather sh
Dark color oil mat.
Sandy straw Smooth

311

B5813A12.4.1.3.2,
PT.215936 X LAC.

1102
1108
1310

Date	
1st Head	Full Ripe
7-2	
7-2	
7-1	
7-2	(116)

(676)

Hv 8-5

1966 Extra
Rogue seed
runner

Mixture

#633, 1965 S.N.P.

312

B572A3.22.8.2.2.1,
PT.215936 X CT.9214

1104
1206
1209

Date	
1st Head	Full Ripe
7-16	
7-17	
7-17	
7-17	(131)

(713)

Group III
Extra 1966

This seb. is somewhat late for this group.
Too chunky (May have been dried too early)
Hv 8-23

PLANT HT. (IN.)	LODG- ING	I A
32		21.5
33		L
31		
32		
	% HEAD	% TOTAL
eye.	64.8	68.6
34		31.5
31		L
31		
33		
	65.5	67.4
hair-bell color	over →	
37		26
36		L
36		
36		
	68.8	71.6
35		9.5
33		L
33		
34		
	60.2	71.9

Milled sample V. much
like Nala in sig & shape

313

B5813AF.3.1.3,
Pt. 215936 X LAC.

10/0
1105

Date	
1st Head	Full Ripe
7-7	
7-7	
7-7	(121)

(580)

Hv 8-11

7-7

Color of Pt. parent
V. abd.

Mgs. Eye not milled out

314

NORTHROSE

1004
1202

7-7
7-7
7-7

CI. 9407

(863-14)

7-7

(121)

Hv 8-5

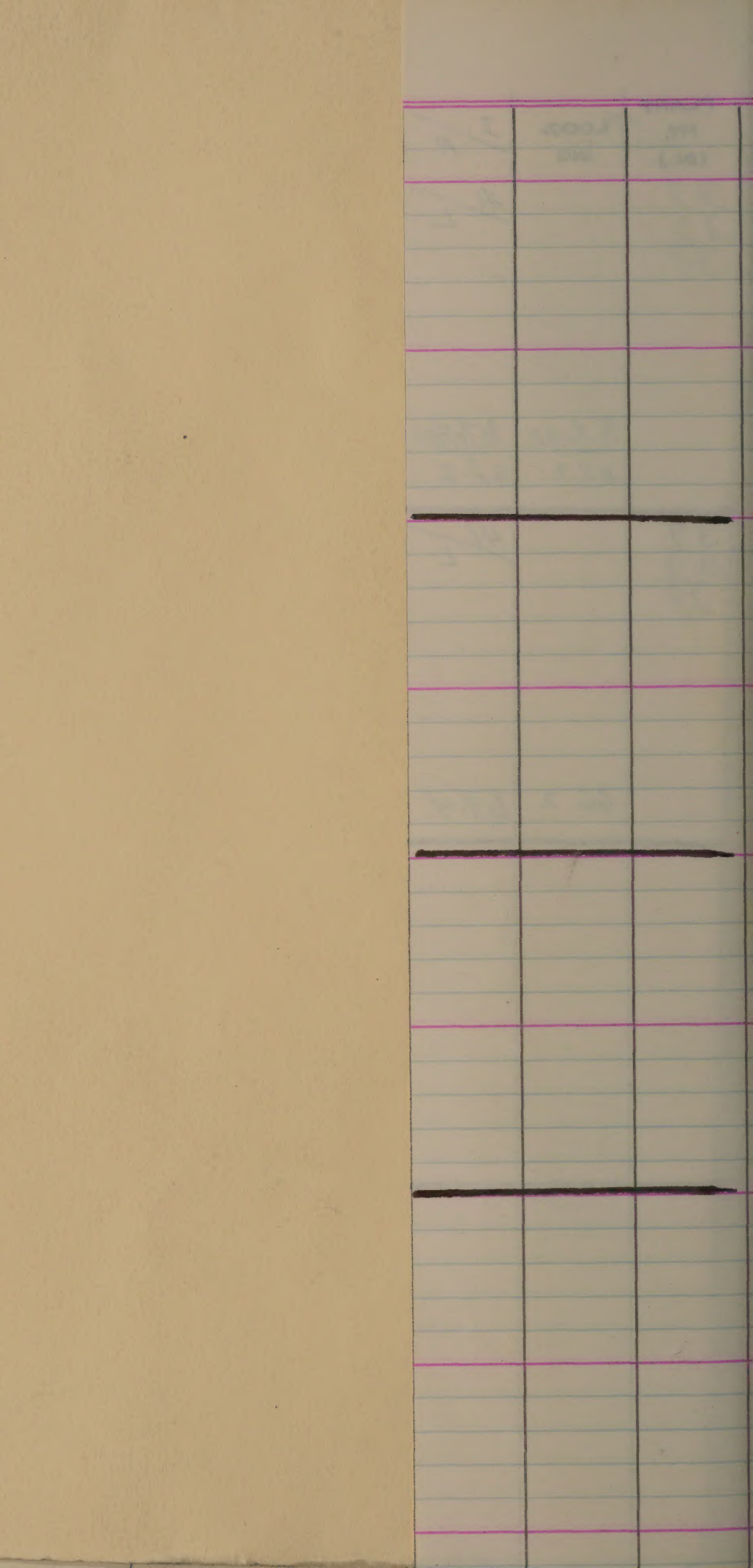
Mgs. good color ab mat.
Bread leaf. Lg. leaf.

PLANT HT. (IN.)	LODG- ING	I. A.
37		41
32		L
35		

% HEAD	% TOTAL
63.2	68.2

39	41
38	L
39	

66.2	69.4
------	------



YIELD DATA

			GMS. PER ROW	ACRE	YIELD
				LBS.	BL.

1214
996

4420 27.3

1007
932

3878 23.9

GROUP II EXTRAS

			Date	
			1st Head	Full Ripe
315	STg 611783.	1015	7-8	
		1117	7-8	
	BBT. X PI. 184625	1219	7-8	
	CI. 9018 (STg 518)	1320	7-7	
			7-8	(122)
	408-11			
316	CRO. 13d X 7/8 BBT.	1011	7-20	
		1116	7-19	
		1220		
		1314		
	(CRO.)		7-20	(134)
	408-23 (A1A)			
317	B572A 1.6.5.1.6.1.	1013	7-7	
	PI. 215936 X CI. 9214	1211	7-7	
		1214	7-7	
		1317	7-8	
	(623)		7-7	(121)
	408-11			
		Grain tapers, slope off sl.		
318	B572A 3.47.2.2P.1.1.	1018	7-14	
	PI. 215936 X CI. 9214.	1112	7-15	
		1217	7-14	
		1316	7-14	
	(640)		7-14	(128)
	408-23 (A1A)			
		Milled sample looks good.		

1966 Extra
Group II

1966 Extra
Group II

1965

PLANT HT. (IN.)	LODG- ING	$\frac{I}{A}$
34		$\frac{50}{L}$
34		
36		
35		
<u>35</u>		

% HEAD % TOTAL
55.2 69.2

38		$\frac{10}{I}$
39		
41		
39		
<u>39</u>		

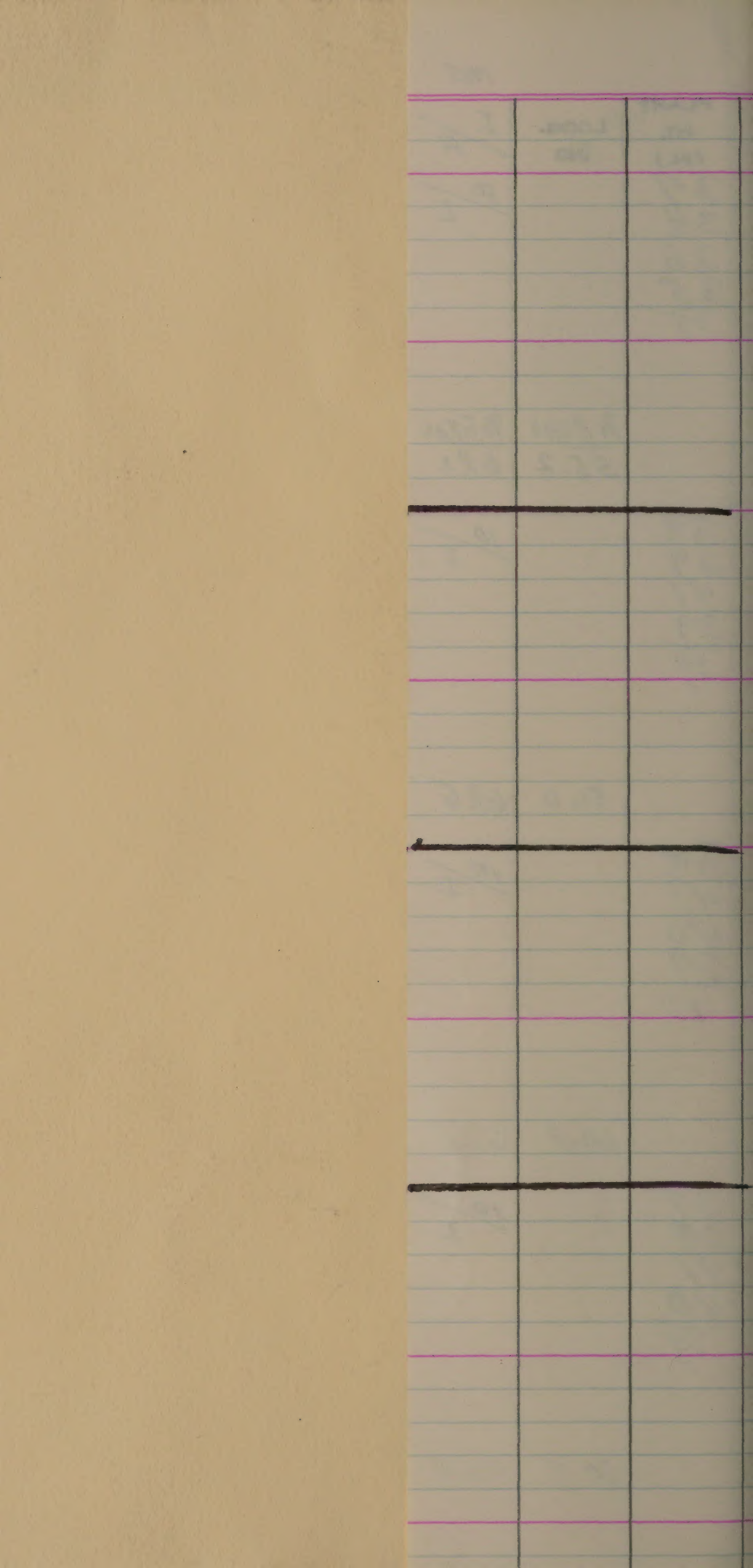
50.0 69.6

38		$\frac{10}{I}$
41		
40		
39		
<u>40</u>		

60.8 68.8

37		$\frac{10}{I}$
39		
41		
40		
<u>39</u>		

60.7 70.5



YIELD DATA

			GMS. PER ROW	ACRE	YIELD
				LBS.	BL.

1192

1153

1088

1097

4530 28.0

1203

1238

1176

1236

4853 30.0

1208

1207

1171

1059

4645 28.7

1193

1211

1162

1176

4742 29.3

319

B572A3-47-11-2-2-1,
PI. 215936 X CI. 9214

1019

1115

1215

1313

Date

1st
HeadFull
Ripe

7-17

7-16

7-16

7-16

7-16

7-16

(130)

(717)

H₀ 8-23 (A+B)

320

SELS. of CI. 9402
NAT. Cross.

1111

1114

1218

1312

7-17

7-16

7-17

7-17

7-17

(131)

(850)

H₀ 8-23 (A+B)Long eye like CP-231 tends to
break off when milled.

321

B572A3-47-6-2P.
PI. 215936 X CI. 9214

1017

1120

1311

1315

7-17

7-16

7-15

7-16

7-16

(130)

(856)

H₀ 8-23 (A+B)

milled gr. to starch

322

B572A1-6-5-1-6,
PI. 215936 X CI. 9214

1012

1113

1216

1318

7-7

7-7

7-6

7-7

7-7

(121)

(331)

H₀ 8-11 B.C.D.H₀ 8-23 A

as 321. Top end somewhat

PLANT HT. (IN.)	LODG- ING	A. A.
39		6 I
41		
43		
41		
<u>41</u>		

% HEAD 56.5 % TOTAL 68.9

43		9.5 I
44		
45		
44		
<u>44</u>		

60.2 68.7

39		2 I
39		
40		
41		
<u>40</u>		

56.0 68.6

38		9.5 I
46		
41		
39		
<u>40</u>		

59.8 69.0

[illegible]

YIELD DATA

			GMS. PER ROW	ACRE	YIELD
				LES.	BL.
			1304		
			1216		
			1157		
			1228		
				4905	30.3
			1248		
			1194		
			1331		
			1246		
				5019	31.0
			1186		
			1126		
			1111		
			1105		
				4528	28.0
			1260		
			1239		
			1245		
			1104		
				4848	29.9

			Date	
			1st Head	Full Ripe
323	B581A6.473.2.2,	1020	7-7	
	(CP.231/3 X BBT) ₂ X	1118	7-8	
	PT. 115 936	1213	7-7	
		1319	7-7	
	(334)		7-7	(121)
	Aug-11			
		Irreg. size, top end.		

324	B5335A2.9.3.1.1.3,	1016	7-8	
	BBT-50 X NO. 341	1119	7-8	
		1212	7-9	
	(327)		7-8	(122)
	Aug-11			
1966a Cptm Thrup II			Irreg. size & shape. Clear v. slender	

325	ORIGINAL C.P.	1014	7-16	
	CJ. 9403			
	(3058)		7-16	(130)
	Aug-23			

PLANT HT. (IN.)	LOGG- ING	I/A
38		13.5
37		I
41		
41		
39		

% HEAD 59.4 % TOTAL 68.0

40		16
39		I
43		
41		

60.8 68.8

40		7.5
40		I

50.2 68.4

DATE	DESCRIPTION	AMOUNT
1/1		
1/2		
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GROUP III EXTRAS

			Date	
			1st Head	Full Ripe
326	Stg 623533	1135	7-16	
	BBT. XPI. 184675	1238	7-16	
	Cutcross	1332	7-15	
	CI. 9620		7-16	(130)
	(Stg 2-5)			
	Hv 8-23	Gold hull lgt. Turned. Good color May yield well.		
327	B572A 3-47. 2-2P2	1039	7-15	
	PI. 215936 X CI. 9214	1231	7-14	
		1336	7-14	
			7-14	(128)
1966 Extra Group II	(348)			
	Hv 8-23	Erect leaf. Straight hull lgt. Pr. apic. Full gr. Imm. length milky. Too soft		
328	NIRA	1040	7-30	
		1232	7-31	
	CI. 2702	1339	7-30	
			7-30	(144)
	(Sq. Inv.)			
	Hv 9-2			
329	CALORO	1033	7-16	
		1140	7-16	
	CI. 1561-1	1331	7-16	
			7-16	(130)
	(1219)			
	Hv 8-23			

1965

PLANT HT. (IN.)	LODG- ING	I / A
42		6.5 / L
43		
42		
42		
my white the millhoff	% HEAD 62.2	% TOTAL 68.8
38		9 / I
39		
39		
39		
	59.4	69.6
58		5.5 / I
57		
58		
58		
	49.4	68.8
44		24 / L
47		
46		
46		
	68.6	73.6

[illegible]

YIELD DATA

			GMS. PER ROW	ACRE	YIELD
				LBS.	BL.

1270

1328

1215

5071 31.3

1196

1252

1127

4755 29.4

1051

950

1030

4031 24.9

1432

1371

1181

5299 32.7

			Date		PI
			1st Head	Full Ripe	
330	TAICHUNG NATIVE #1	1131	7-15		
		1234	7-14		
	PI. 271,672	1338	7-14		
	(1224)		7-14	(128)	
	H08-23	V. erect leaf. Flag extends far above pan.			
331	CALROSE	1031	7-7		
		1138	7-7		
	CI. 8988	1334	7-9		
	(1233)		7-8	(122)	
	H08-23				
332	ASAHI	1133	7-19		
		1239	7-17		
		1335	7-20		
	(1234)		7-19	(133)	
	H08-23	V. erect leaf. Long-pan. leaf.			
333	TAINAN-1K0 #487	1032	7-7		
		1137	7-9		
	PI. 215,936	1333	7-9		
	(635)		7-8	(122)	
	H08-23				

PLANT HT. (IN.)	LODGING	I / A
33		
34		14 / L
34		
<u>34</u>		
34		
	% HEAD	% TOTAL
	32.6	71.5
42		32.5 / L
45		
<u>42</u>		
43		
	69.6	70.5
42		22 / L
42		
<u>42</u>		
42		
	62.4	71.4
35		24 / L
34		
<u>34</u>		
34		
	71.3	72.8

[illegible]

YIELD DATA

			GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
			1554		
			1567		
			1474		
			<u>4595</u>		
			X 1.33	6111	37.7

			1012		
			1102		
			1078		
				4245	26.2

			1057		
			1126		
			1120		
				4393	27.1

			1201		
			1038		
			855		
				4115	25.4

			Date	
			1st Head	Full Ripe
334	ARK ROSE	1134	7-26	
	(CI. 8310)	1240	7-26	
		1337	7-29	
	(863-68)		7-28	(142)
	40 9.2			
335	SUNBONNET	1038	7-24	
	(CI. 8989)	1235	-	
		1340	7-24	
	(8883-90)		7-24	(138)
	40 8.23			
336	BLUEROSE SEL.	1035	8-9	
	(CI. 9496)	1136	8-9	
	(863-74)		8-9	(154)
337	SUPREME BLUEROSE	1037	8-8	
	(CI. 5793)	1139	8-8	
	(863-73)		8-8	(153)

PLANT HT. (IN.)	LODG- ING	$\frac{I}{A}$
54		$\frac{28}{L}$
55		
55		
55		

$\frac{\% \text{ HEAD}}{59.8}$
 $\frac{\% \text{ TOTAL}}{66.3}$

50		$\frac{11.5}{I}$
49		
50		
50		

55.1 67.0

$\frac{28}{L}$

65.7 69.6

$\frac{32.5}{L}$

60.2 67.2

[illegible]

YIELD DATA

			GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
			961 1063 1185		
				4268	26.3
			1067 1075 1011		
				4193	25.9
			1029 886		
				3830	23.6
			808 708		
				3032	18.7

338

IMP. BLUE ROSE

1034

8-9

1237

8-9

CI. 2128

8-9

(154)

(863-67)

Date

1st
HeadFull
Ripe

339

LACROSSE

1036

7-9

1233

7-9

CI. 8985

7-9

(123)

(912)

Hv 8-23

340

B572A3. 4F. 2,

1132

7-10

PL. 215936 X CI. 9214

1236

7-11

CI. 9545

7-11

(125)

(898)

Hv 8-23

End leaf darker color
than others #1

PLANT HT. (IN.)	LODG- ING	I / A
—		38.5
—		I-L

% HEAD % TOTAL
61.6 68.0

45
44
45

55.5
L

66.2 70.5

33
33
33

10.5
L

69.8 73.0

DATE	DESCRIPTION	AMOUNT
1-1		
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12-29		
12-30		
12-31		

YIELD DATA

GMS. PER ROW	ACRE YIELD	
	LBS.	BL.

856
836

3384 20.9

1316
1274

5180 32.0

1208
1049

4514 27.9

GROUP VI EXTRAS

			Date	
			1st Head	Full Ripe
341	B575A1-10-2-2-3,	1042	6-22	
	CI. 9214 X (CP-221 X CI. 9122)	1146	6-22	
	CI. 9621	1241	6-21	
	(Stg 23-11)	1343	6-22	
1966 Extra			6-22	(105)
	Leaf is longer & broader than Bluebelle, bud color.			
	Taller than Bluebelle			
	Gold hull lgt.			
				Some irreg. in length
342	B575A1-25-2-1,	1050	6-22	
	CI. 9214 X (CP-231 X CI. 9122)	1143	6-22	
		1245	6-21	
		1341	6-21	
1966 Extra			6-22	(105)
	(204)			
	v. similar to Bluebelle plant type.			
	Fuller gr. type.			
	Gold hull, pr. open, fades out.			
343	Stg 611803	1045	6-24	
	HILL SEL. X (TP X R-58R)	1149	6-24	
		1244	6-23	
	CI. 9591	1344	6-22	
	(358)		6-23	(106)
	Narrow, erect leaf. Stk. avn. Bud color deep.			
	Light gold hull, pr. open.			
	off-type present. Gr. tends to be short.			
344	B574A1-30-3-2,	1049	6-24	
	CI. 9214 X CI. 9383	1148	6-23	
		1250	6-23	
		1348	6-23	
1966 Extra			6-23	(106)
	(360)			
	Narrow leaf, semi-erect. Flag droop.			
	Straw hull, pr. open.			
				Irreg. gr. length milled

1965

PLANT HT. (IN.)	LODG. ING REDD	I. A.
-----------------------	----------------------	----------

7.5
I

39
40
40
38
39

% HEAD 66.6
% TOTAL 70.4

8
I

39
40
37
39
39

66.5 70.3

12
I

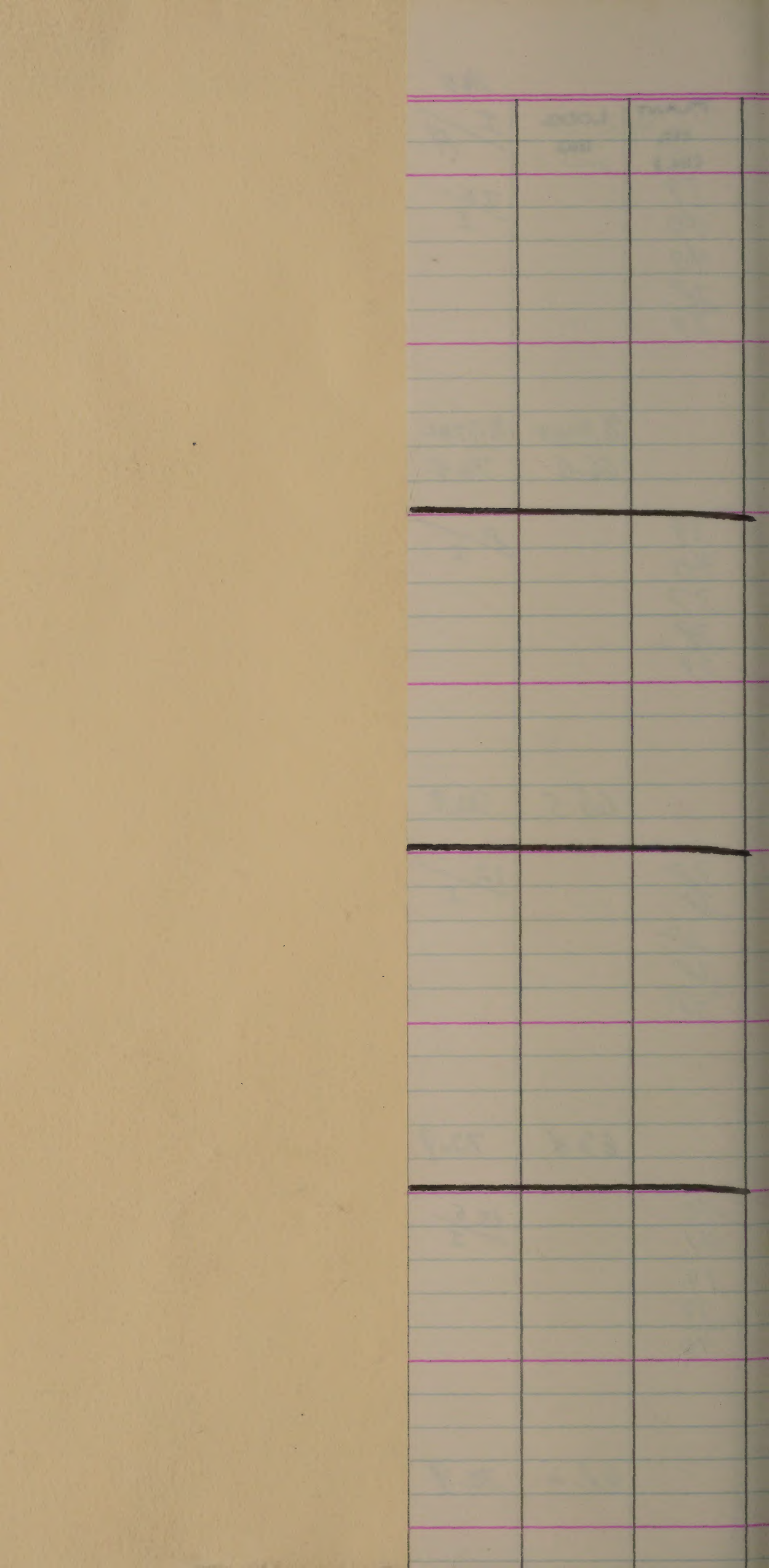
38
38
38
38
38

67.4 72.9

13.5
I

40
41
39
39
40

68.2 70.9



2nd crop

1st crop

58

YIELD DATA

Gms./Plot	lbs./A	Bbls./A	GMS. PER ROW	ACRE	YIELD	
				LES.	BL.	
632			1228			L
577			1175			
628			1143			
580			1110			
	2417	14.9		4656	28.7	
615			1111			L
593			1166			
544			1053			
610			1149			
	2362	14.6		4479	27.6	
523			986			L
464			1037			
507			1002			
515			1038			
	2009	12.4		4063	25.1	
553			1261			L
492			1237			
546			1300			
443			1248			
	2034	12.6		5046	31.1	

345

1966 Etno

B574A 1.35.4.6.1,
CT. 9214 X CT. 9383

(364)

1048
1147
1242
1349

Date	
1st	Full
6-23	
6-22	
6-22	
6-22	
6-22	

(105)

Shk., med. leaf. Fly drops.
Straw hull, pr. green.
Gr. poor, a little soft.

Long length.

346

1966 Etno

B575A 1.10.2.2.3,
CT. 9214 X (CP. 231 X CT. 912)

(366)

1044
1141
1248
1347

6-22
6-22
6-22
6-22
6-22

(105)

Similar to Bluebell but taller.
Gold hull - some straw green.
Erect fly.

Milled sample good.

347

1966 Etno

B575A 1.57.2.2.3,
CT. 9214 X (CP. 231 X CT. 912)

(372)

1041
1144
1247
1346

6-23
6-21
6-22
6-22
6-22

(105)

Looks v. similar to Bluebell in plant type
Gold hull. Panicle maybe shorter than Bluebell
Hd stiff stem.

Long or length mild

348

1966 Etno

B593A 11-1.3,
G.P. X [(CP. 231) X (BBT) 2] X
PT. 215 936]

(373)

1043
1145
1249
1342

6-18
6-18
6-18
6-18
6-18

(101)

Shk., nar. leaf. Fly drops. Good looking plot.
Straw hull, pr. green.
Rather shk. panicle. Gr. poor. too shk.
v. small stem.

PLANT HT. (IN.)	LODG- ING	I / A
38		10 / I
38		
37		
38		
38		
	% HEAD	% TOTAL
	64.1	71.1
39		8 / I
40		
39		
40		
40		
	66.8	70.8
38		11 / I
37		
37		
36		
37		
	65.6	70.9
37		2.5 / I
38		
37		
36		
37		
	58.6	71.8

[illegible]

YIELD DATA

			GMS. PER ROW	ACRE	YIELD	
				LBS.	BL.	
523			1100			L
451			1112			
534			1061			
545			1065			
2053	12.7			4338	26.8	
554			1111			L
617			1081			
599			1145			
602			1194			
2372	14.6			4531	28.0	
381			1337			L
379			1299			
443			1307			
340			1237			
1543	9.5			5180	32.0	
479			1109			L
405			—			
411			1112			
511			1033			
1806	11.1			4328	26.7	

349

B593 BG-21.3,
B.P. X [(CP.231/3 X BBT)₂
X PI.215 936]

1047
1150
1246
1345

Date	
1st Head	Full Ripe
6-20	
6-20	
6-19	
6-19	
6-20	(103)

(374)

Straw hull, pr. apic. G.R. quality
Full gr. Shorter gr. than B59-50
Long. ht.

350

B593 AIF-19.3
B.P. X [(CP.231/3 X BBT)₂
X PI.215 936]

1046
1142
1243
1350

6-16	
6-17	
6-16	
6-18	
6-17	(100)

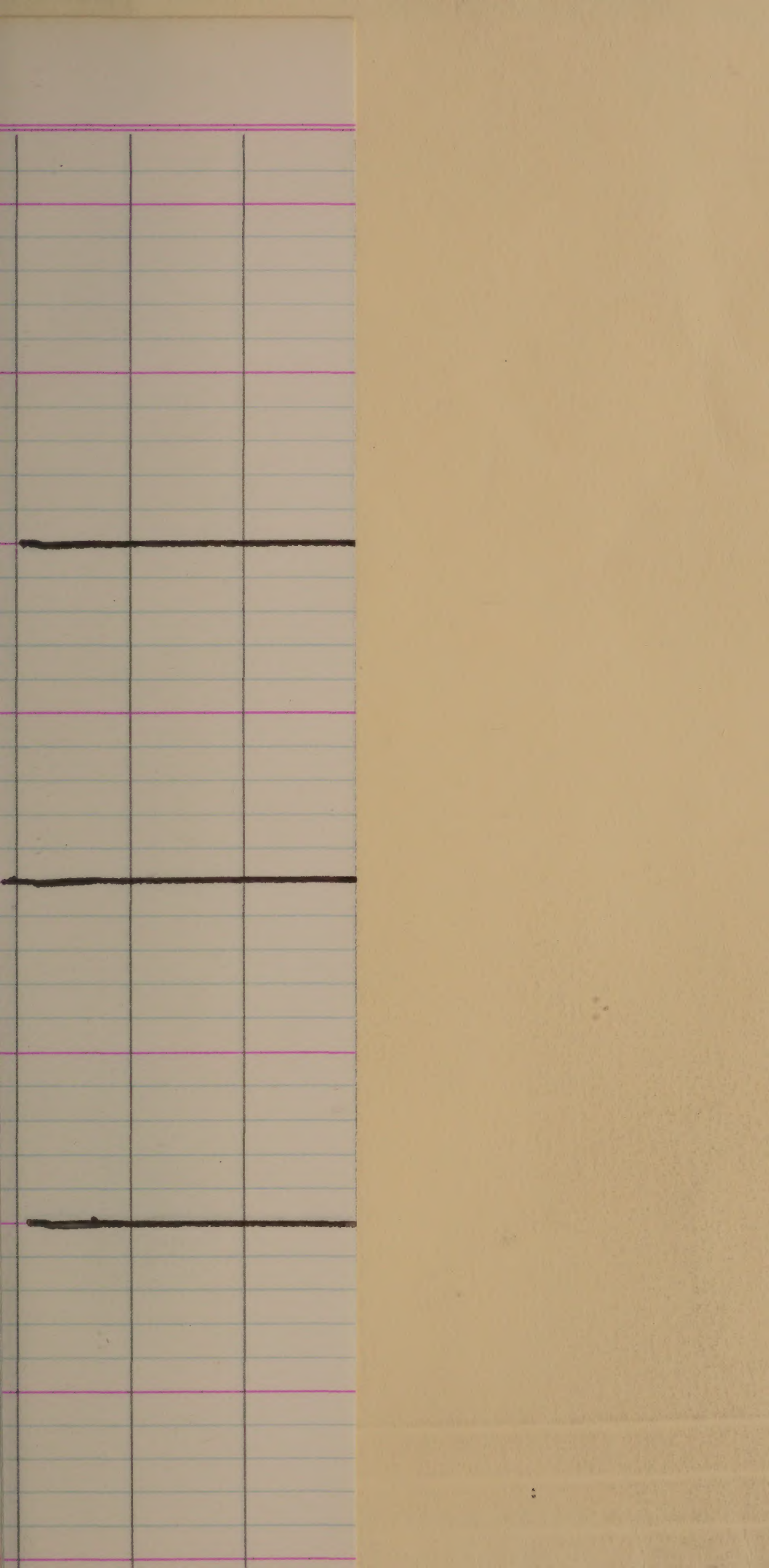
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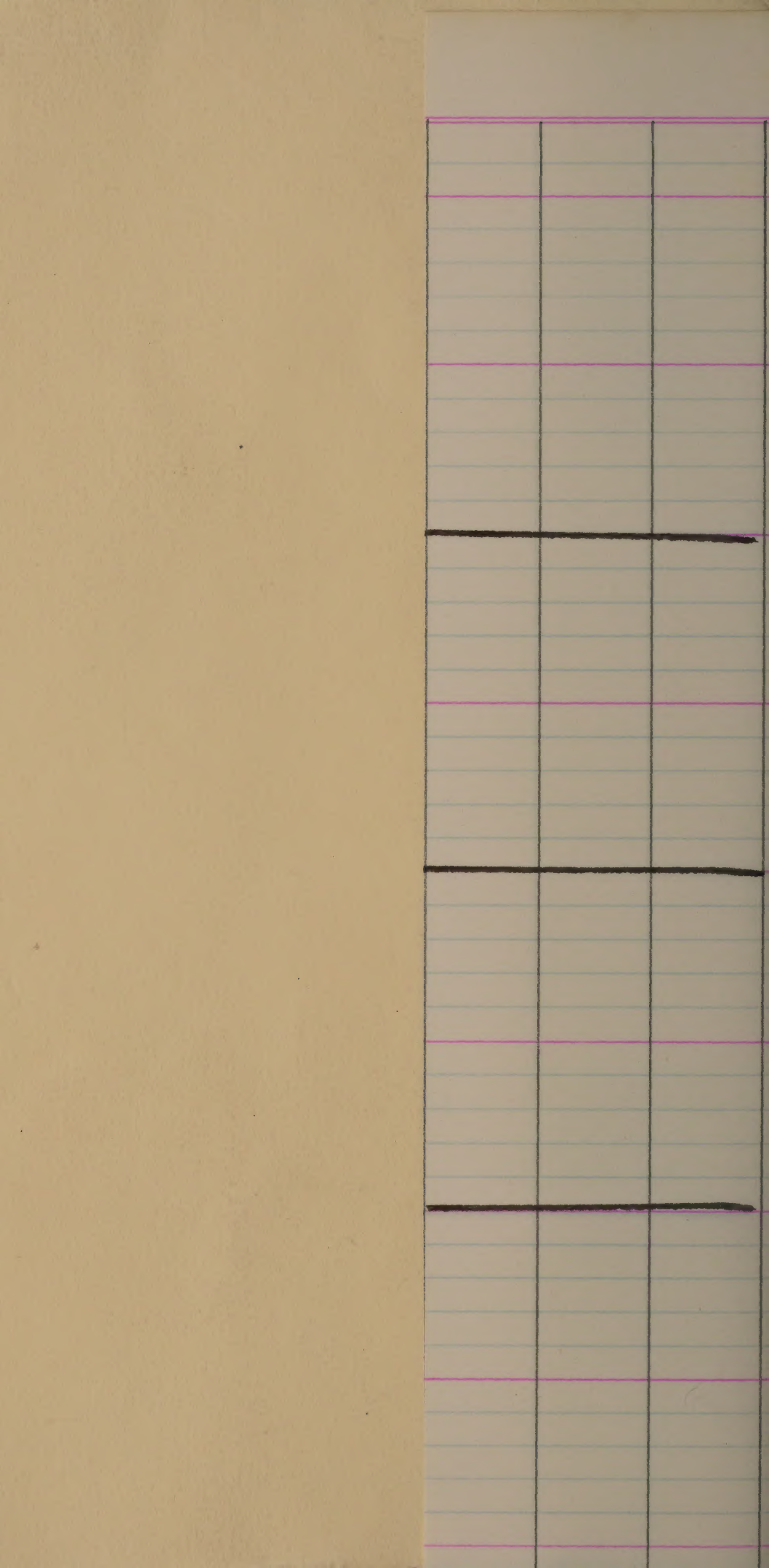
Earliest rel. in group. St. ht. St. narrower leaf.
Leaves droop somewhat.
Straw hull, pr. apic. Not a uniform plant in
Ingr. gr. length milled

PLANT HT. (IN.)	LODGING	I / A
41		
40		24 / L
39		
39		
40		
	% HEAD 69.2	% TOTAL 72.3
38		12.5 / I
38		
38		
39		
38		
	61.6	71.8

1	1000	1000
2	2000	2000
3	3000	3000
4	4000	4000
5	5000	5000
6	6000	6000
7	7000	7000
8	8000	8000
9	9000	9000
10	10000	10000
11	11000	11000
12	12000	12000
13	13000	13000
14	14000	14000
15	15000	15000
16	16000	16000
17	17000	17000
18	18000	18000
19	19000	19000
20	20000	20000
21	21000	21000
22	22000	22000
23	23000	23000
24	24000	24000
25	25000	25000
26	26000	26000
27	27000	27000
28	28000	28000
29	29000	29000
30	30000	30000
31	31000	31000
32	32000	32000
33	33000	33000
34	34000	34000
35	35000	35000
36	36000	36000
37	37000	37000
38	38000	38000
39	39000	39000
40	40000	40000
41	41000	41000
42	42000	42000
43	43000	43000
44	44000	44000
45	45000	45000
46	46000	46000
47	47000	47000
48	48000	48000
49	49000	49000
50	50000	50000
51	51000	51000
52	52000	52000
53	53000	53000
54	54000	54000
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58	58000	58000
59	59000	59000
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93	93000	93000
94	94000	94000
95	95000	95000
96	96000	96000
97	97000	97000
98	98000	98000
99	99000	99000
100	100000	100000

			GMS. PER ROW	ACRE YIELD		
				LBS.	BL.	
521			1203			L
560			1083			
560			1236			
522			1153			
	2163	13.4		4675	28.9	
567			1046			L
514			1092			
533			1066			
620			1083			
	2234	13.8		4287	26.5	





DATE OF SEEDING STUDY

1ST. DATE: SOWN 4-6-65

			Date		
			1st Head	Full Ripe	
201	BLUEBELLE	112	6-25		
		218	6-25		
	CI. 9544	306	6-25		
		408	6-25		
	45# seed, 80#N		6-25		days to maturity (110)
	Hv 7-26				
202	BLUEBELLE	118	6-28		
		210	6-27		
	CI. 9544	305	6-28		
		409	6-28		
	45# seed, 120#N		6-28		(113)
	Hv 7-26				
203	BLUEBELLE	101	6-28		
		211	6-27		
	CI. 9544	313	6-28		
		405	6-29		
	45, 160		6-28		(113)
	Hv 7-30				
204	BLUEBELLE	116	6-25		
		207	6-25		
	CI. 9544	310	6-25		
		403	6-24		
	90, 80		6-25		(110)
	Hv 7-26				

* CORRECTED C.F. (2.57 X GM/plot) USED

NO LODGING THRU-OUT
THIS STUDY.

PLANT HT. (IN.)	LODG- ING	
39		
35		
38		
38		
<u>38</u>		
41		
41		
42		
42		
<u>42</u>		
46		
45		
46		
46		
<u>46</u>		
46		
37		
37		
37		
38		
<u>37</u>		

$$G.M. \text{ wt } 4 \text{ plots} \div 2 = \text{lb.}/A$$

Error π

Not the correct

C.F.

$$2.5725 \times G.M. / \text{plot} =$$

$$\text{lb.}/A. \times .006173$$

$$\text{lb.}/A.$$

or

$$\text{Total in 4 rep.} \times .6425 = \text{lb.}/A.$$

$\frac{1}{2}$ of 101 broadcast seed, No.
2 rows of $W \frac{1}{2}$.

.006173 = lbs./A.
2nd cup

1st cup 66

YIELD DATA

Gms./plot	Lbs./A	Bbs./A	GMS. PER ROW	ACRE YIELD	LBS.	Bbl.
700			1762			
458			1570			
530			1636			
506			1617			
	(1410) *				(4231) *	
	1097 6.8				3293 20.3	
Total yld -				4390	27.1	
442			1872			
609			2085			
602			1935			
511			2058			
	(1390)				(5108)	
	1082 6.7				3975 24.5	
Total yld -				5057	31.2	
329?	658 (1/2 plott)		1272 (1/2 plott)			
663			2319			
509			2301			
620			2442			
	(1574)				(6172)	
	1225 7.6				4803 29.6	
					6028 37.2	
681			1713			
856			1759			
841			1412			
718			1761			
	(2021)				(4270)	
	1573 9.7				3323 20.5	
					4896 30.2	

			Date		
			1st Head	Full Ripe	
205	BLUEBELLE	107	6-26		
		206	6-25		
	CI. 9544	301	6-25		
		415	6-25		
	90, 120		6-25	(110)	
	Hv 7-30				
206	BLUEBELLE	105	6-28		
		202	6-28		
	CI. 9544	317	6-27		
		411	6-26		
	90, 160		6-27	(112)	
	Hv 7-30				
207	BLUEBELLE	108	6-24		
		209	6-24		
	CI. 9544	303	6-25		
		417	6-24		
	135, 80		6-24	(109)	
	Hv 7-26				
208	BLUEBELLE	113	6-25		
		216	6-25		
	CI. 9544	318	6-26		
		404	6-25		
	135, 120		6-25	(110)	
	Hv 7-26				

PLANT

HT.
(IN.)LODG-
ING

43

41

41

40

41

46

46

45

43

45

37

36

36

37

37

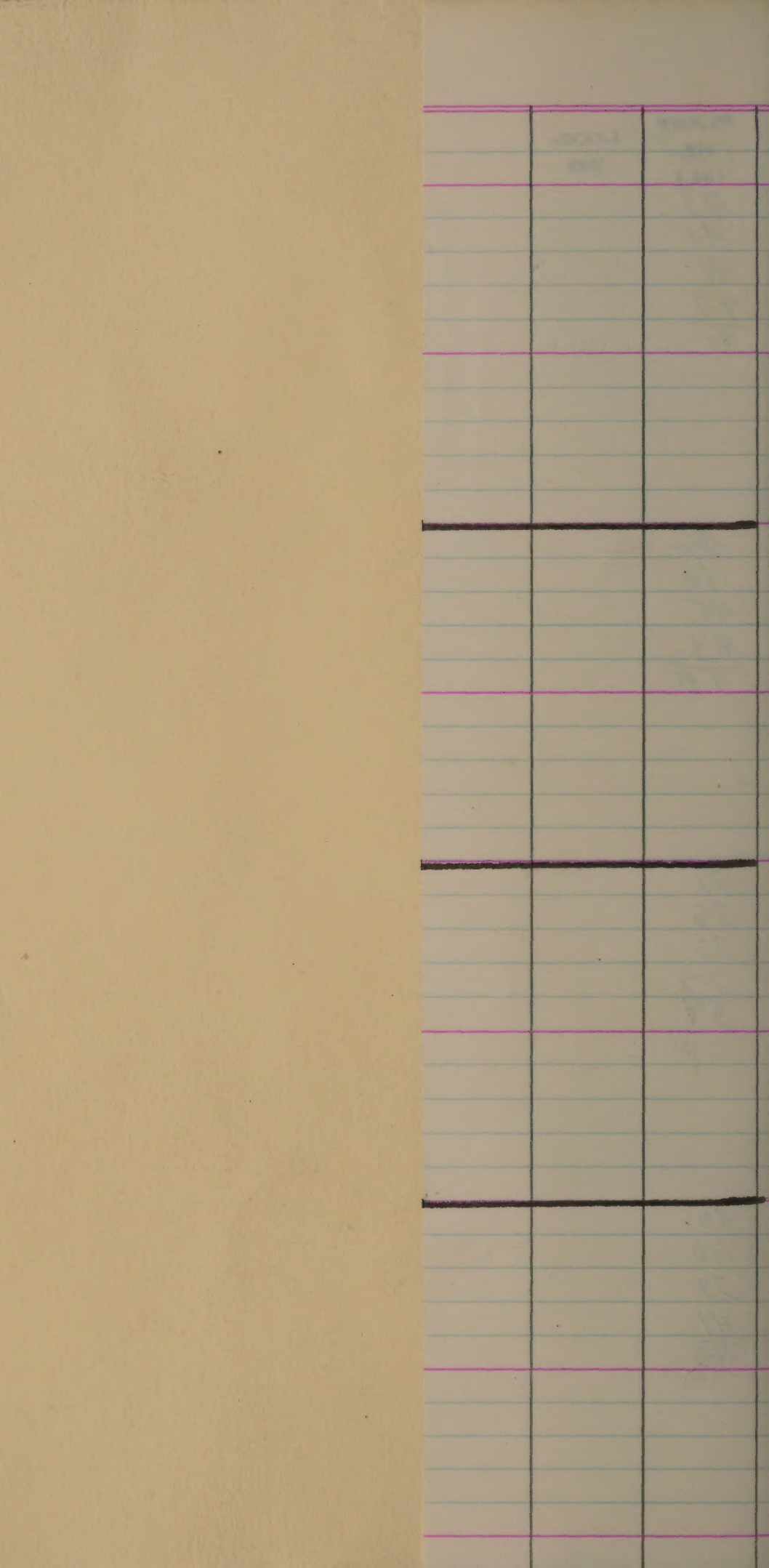
40

40

39

41

40



2nd crop

1st crop

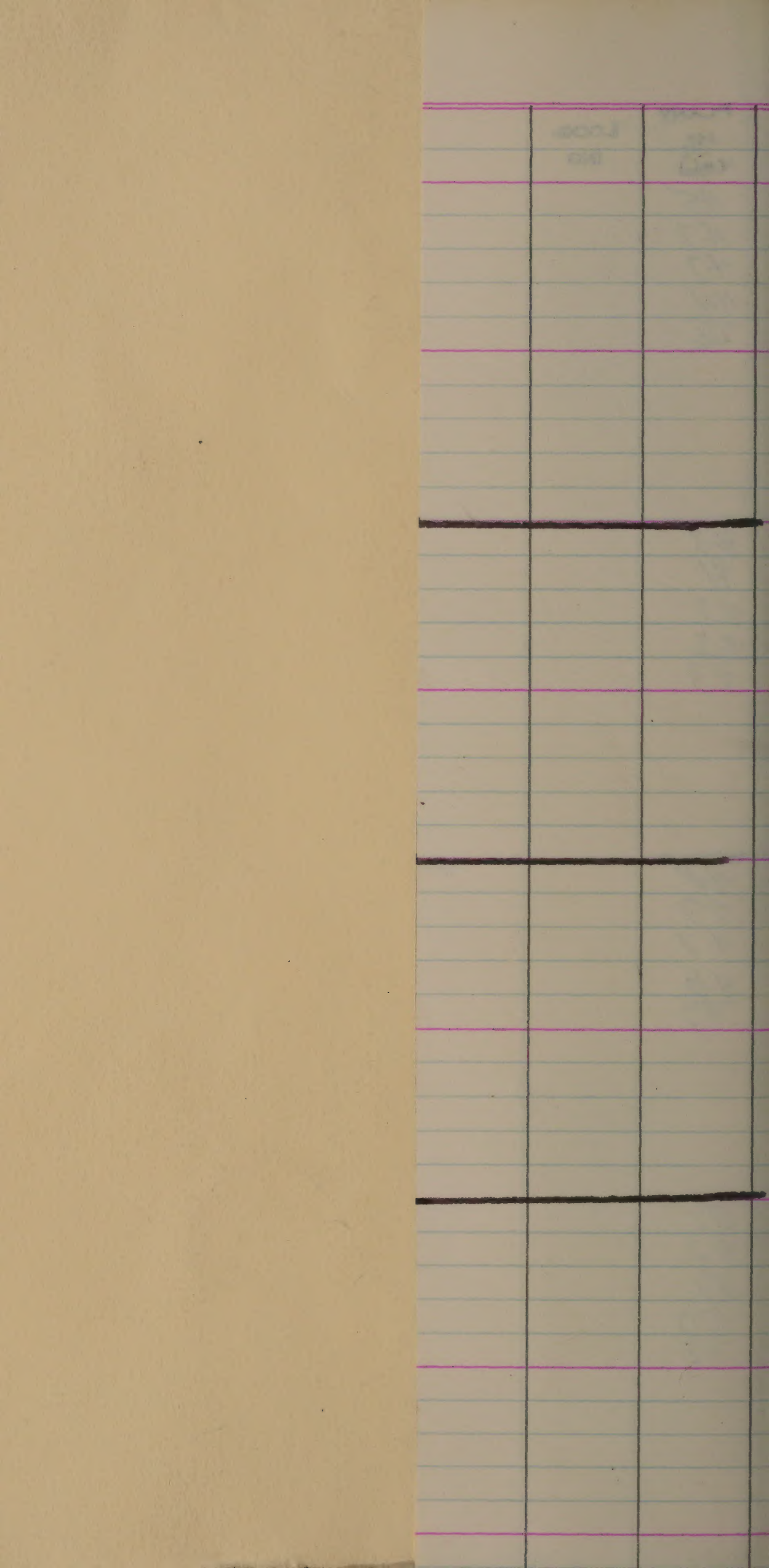
68

YIELD DATA

			GMS. PER ROW	ACRE YIELD	
				LBS.	B.
679			2402		
580			2259		
834			2408		
618	(1742)		2270	(6001)	
	1356	8.4		4670	28.8
				6026	37.2
542			2447		
638			2472		
539			2436		
545	(1455)		2526	(6349)	
	1132	7.0		4941	30.5
				6073	37.5
748			1868		
743			1696		
737			1711		
707	(1886)		1835	(4568)	
	1468	9.1		3555	21.9
				5023	31.0
591			2258		
546			2299		
577			2333		
572	(1469)		2510	(6040)	
	1143	7.1		4700	29.0
				5843	36.1

			Date		
			1st Head	Fall Rise	
209	BLUEBELLE	111	6-27		
		203	6-28		
	CI. 9544	309	6-28		
		414	6-27		
	135, 160		6-28	(113)	
	No 7-30				
210	BELLE PATNA	115	6-21		
		213	6-22		
	CI. 9433	308	6-22		
		407	6-22		
	45, 80		6-22	(107)	
	No. 7-22				
	No 2nd 9-24				
211	BELLE PATNA	106	6-23		
		212	6-22		
	CI. 9433	311	6-23		
		418	6-22		
	45, 120		6-23	(108)	
	No 7-22				
212	BELLE PATNA	102	6-25		
		214	6-25		
	CI. 9433	307	6-25		
		410	6-25		
	45, 160		6-25	(110)	
	No 7-25				

PLANT HT. (IN.)	LODG- ING	
45		
47		
47		
<u>44</u>		
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<u>50</u>		
51		



2nd crop

1st crop

70

YIELD DATA

			GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
640			2658		
741			2325		
543			2498		
590			2591		
	(1615)			(6471)	
1257	7.8			5036	31.1
				6293	38.9
777			1456		
835			1490		
768			1530		
815			1569		
	(2053)			(3885)	
1598	9.9			3023	18.7
				4621	28.6
825			1890		
936			1771		
975			1624		
742			1827		
	(2235)			(4569)	
1739	10.7			3556	22.0
				5295	32.7
780			2034		
743			2165		
809			2241		
686			2237		
	(1939)			(5576)	
1509	9.3			4339	26.8
				5848	36.1

			Date	
			1st Head	Full Rise
213	BELLE PATNA	117	6-20	
		215	6-20	
	CI. 9433	315	6-20	
		401	6-21	
	90, 80		6-20	(105)
	Hv 7-22			
	Hv 2nd 9-24			

214	BELLE PATNA	109	6-22	
		208	6-21	
	CI. 9433	316	6-21	
		413	6-22	
	90, 120		6-22	(107)
	Hv 7-22			

215	BELLE PATNA	114	6-24	
		204	6-23	
	CI. 9433	312	6-23	
		402	6-24	
	90, 160		6-24	(109)
	Hv 7-25			

216	BELLE PATNA	103	6-20	
		201	6-20	
	CI. 9433	304	6-20	
		412	6-19	
	135, 80		6-20	(105)
	Hv 7-22			
	Hv 2nd 9-24			

[illegible]

Nature's damage in 204 B

2nd crop

1st crop

72

YIELD DATA

			GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
874			1594		
800			1594		
847	(2156)		1595	(4210)	
835			1769		
	1678	10.4		3276	20.2
				4954	30.6
803			1983		
852			2012		
843	(2114)		2000	(5220)	
792			2128		
	1645	10.2		4062	25.1
				5707	35.3
883		2066	1033 (1/2)		
817	(2165)	2169	672 (1/2) ?	discarded	
808			2135	(5573)	
862	1685	10.4	2304	4337	26.8
				6022	37.2
762			1786		
838			1740		
919	(2179)		1663	(4492)	
873			1802		
	1696	10.5		3496	21.6
				51.92	32.1

217

BELLE PATNA

110

Date

1st
HeadFull
Ripe

6-22

205

6-22

CI. 9433

302

6-22

416

6-21

135, 120

6-22

(107)

Hv 7-22

218

BELLE PATNA

104

6-23

217

6-22

CI. 9433

314

6-23

406

6-24

135, 160

6-23

(108)

Hv 7-25

PLANT HT. (IN.)	LODG- ING
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44	
45	
45	
44	
<u>45</u>	

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48	
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<u>49</u>	

	1900	1901	1902
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97			
98			
99			
100			

2nd crop

1st crop

74

YIELD DATA

			GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
777			2107		
816			1779		
288			2041		
860			2066		
	(2083)			(5136)	
	1621	10.0		3997	24.7
				5618	34.7

766			2077		
742			2001		
718			2172		
753			1066 (1/2)		
	(1915)			(5385)	
	1490	9.2		4191	25.9
				5681	35.1

2nd. DATE: SOWN: 4-27-65

			Date	
			1st Head	Full Ripe
221	BLUE BELLE	128	7-12	
		224	7-12	
	CI. 9544	332	7-12	
		430	7-12	
			7-12	(107)
all Bluebells plot in tent.				
Hv. 8-12				
45, 80				
222	BLUE BELLE	129	7-13	
		235	7-13	
	CI. 9544	323	7-14	
		437	7-14	
			7-14	(109)
45, 120				
223	BLUE BELLE	122	7-16	
		233	7-16	
	CI. 9544	326	7-16	
		434	7-16	
			7-16	(111)
45, 160				
224	BLUE BELLE	121	7-10	
		228	7-11	
	CI. 9544	324	7-10	
		433	7-10	
			7-10	(105)
90, 80				

PLANT HT. (IN.)	LODG- ING
37	
36	
37	
37	
<u>37</u>	
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<u>44</u>	
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36	
<u>37</u>	
37	

[illegible]

YIELD DATA

			GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
			1501		
			1487		
			1403		
			1424		
				3735	
				2907	17.9
			1941		
			1941		
			2002		
			1826		
				4954	
				3855	23.8
			2260		
			2049		
			2030		
			2015		
				5367	
				4177	25.8
			1892		
			1944		
			1646		
			1575		
				4534	
				3529	21.8

			Date		
			1st Head	Full Ripe	
225	BLUEBELLE CT. 9544	131	7-12		
		230	7-12		
		335	7-12		
		421	7-12 7-12	(107)	
	90, 120				
226	BLUEBELLE CT. 9544	132	7-13		
		236	7-13		
		325	7-14		
		438	7-13 7-13	(108)	
	90, 160				
227	BLUEBELLE CT. 9544	125	7-10		
		237	7-10		
		336	7-9		
		432	7-11 7-10	(105)	
	135, 80				
228	BLUEBELLE CT. 9544	137	7-12		
		227	7-12		
		322	7-12		
		424	7-12 7-12	(107)	
	135, 120				

PLANT HT. (IN.)	LODG- ING
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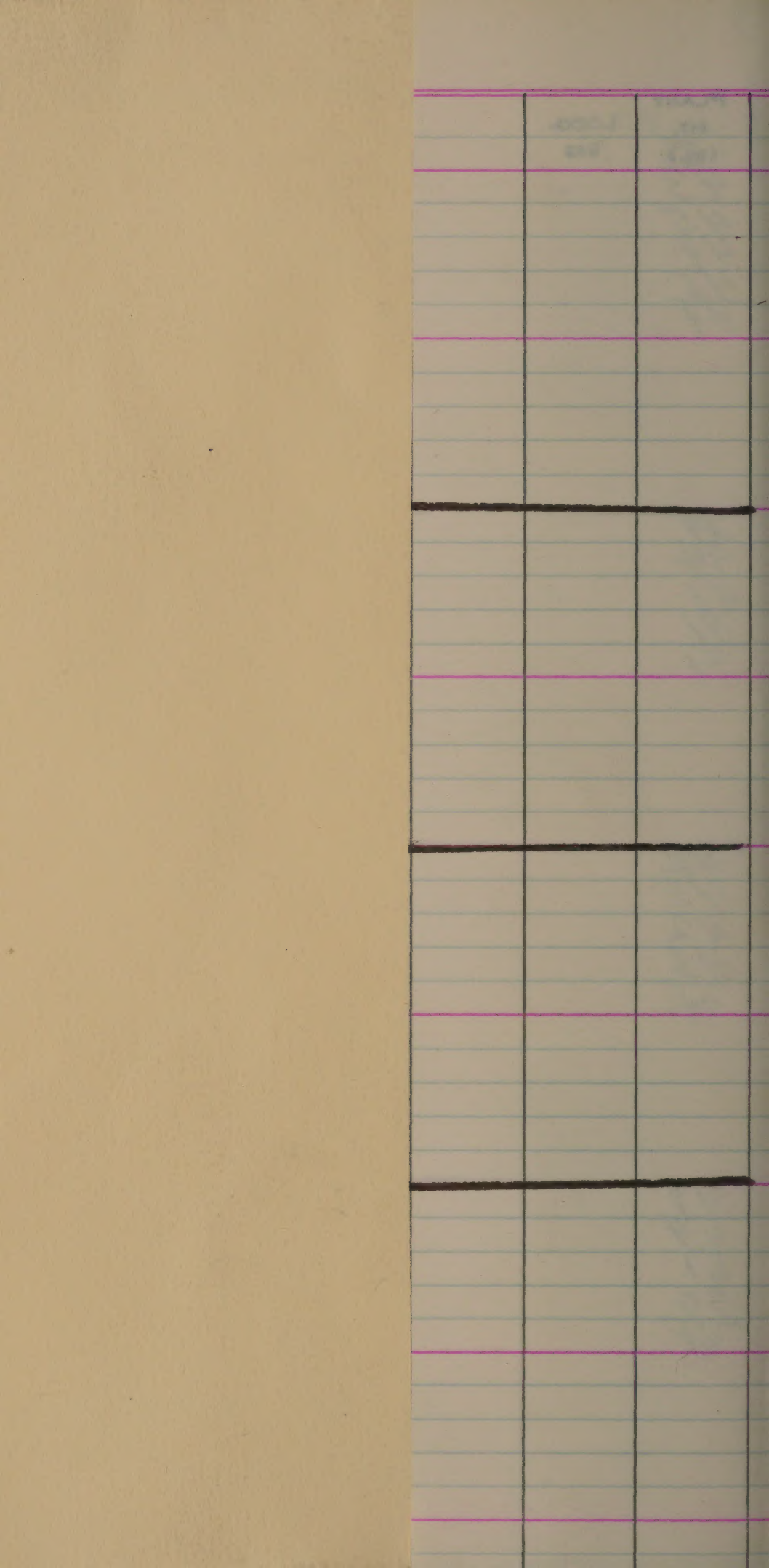
[illegible]

YIELD DATA

			GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
			2193		
			2244		
			2456		
			2136		
				5802	
				4515	27.9
			2228		
			2262		
			2420		
			2032		
				5777	
				4496	27.8
			1895		
			1758		
			1774		
			1783		
				4032	
				3605	22.3
			2199		
			2092		
			2365		
			2265		
				5721	
				4452	22.5

			Date		P
			1st Head	Full Ripe	
229	BLUE BELLE	130	7-13		
		225	7-13		
	CI. 9544	337	7-13		
		428	7-13		
			<u>7-13</u>	(108)	
	135, 160				
230	BELLE PATNA	127	7-6		
		231	7-7		
	CI. 9433	334	7-7		
		423	7-6		
			<u>7-7</u>	(102)	
	45, 80				
all Belle P. plots in test					
Hv. 8-9					
↓					
231	BELLE PATNA	136	7-7		
		223	7-7		
	CI. 9433	329	7-7		
		431	7-8		
			<u>7-7</u>	(102)	
	45, 120				
232	BELLE PATNA	135	7-10		
		238	7-9		
	CI. 9433	331	7-10		
		426	7-10		
			<u>7-10</u>	(105)	
	45, 160				

PLANT	HT. (IN.)	LODG. ING
	43	
	45	
	44	
	45	
	<u>44</u>	
	44	
	39	
	44	
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	41	
	<u>41</u>	
	41	
	42	
	45	
	42	
	45	
	<u>44</u>	
	44	
	47	
	44	
	51	
	50	
	<u>48</u>	
	48	



YIELD DATA

			GMS. PER ROW	ACRE LBS.	YIELD B.
			2325		
			2418		
			2298		
			2291	(5496)	
				4666	28.8
			1377		
			1581		
			1359		
			1491	(3732)	
				2904	17.9
			1668		
			1904		
			1764		
			1810	(4541)	
				3573	22.1
			1937		
			1924		
			1993		
			2012	(5054)	
				3933	24.3

233

BELLE PATNA

138

7.5

232

7.6

CI. 9433

328

7.5

427

7.5

7.5

(100)

90, 80

234

BELLE PATNA

134

7.7

222

7.7

CI. 9433

338

7.6

425

7.7

7.7

(102)

90, 120

235

BELLE PATNA

123

7.8

221

7.9

CI. 9433

327

7.8

435

7.8

7.8

(103)

90, 160

236

BELLE PATNA

126

7.5

234

7.6

CI. 9433

333

7.6

429

7.5

7.6

(101)

135, 80

PLANT

HT.
(IN.)LODG-
ING

38
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39

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39
37
39
40
39

[illegible]

YIELD DATA

			GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
			1354	3950	19.0
			1476		
			1647		
			1671		
				3074	
			1753	4910	23.6
			1905		
			1706		
			2281		
				3822	
			2165	5505	26.4
			2411		
			1842		
			2149		
				4284	
			1644	4265	20.5
			1543		
			1720		
			1731		
				3319	

237

BELLE PATNA

CI. 9433

135, 120

133
229
321
436

Date	
1st Head	Full Ripe
7-7	
7-6	
7-7	
7-6	
7-7	(102)

238

BELLE PATNA

CI. 9433

135, 160

124
226
330
422

7-8	
7-9	
7-8	
7-8	
7-8	(103)

PLANT

HT.

(IN.)

LODG-

ING

44

44

41

42

43

47

46

48

49

48

A series of four stem bones

YIELD DATA

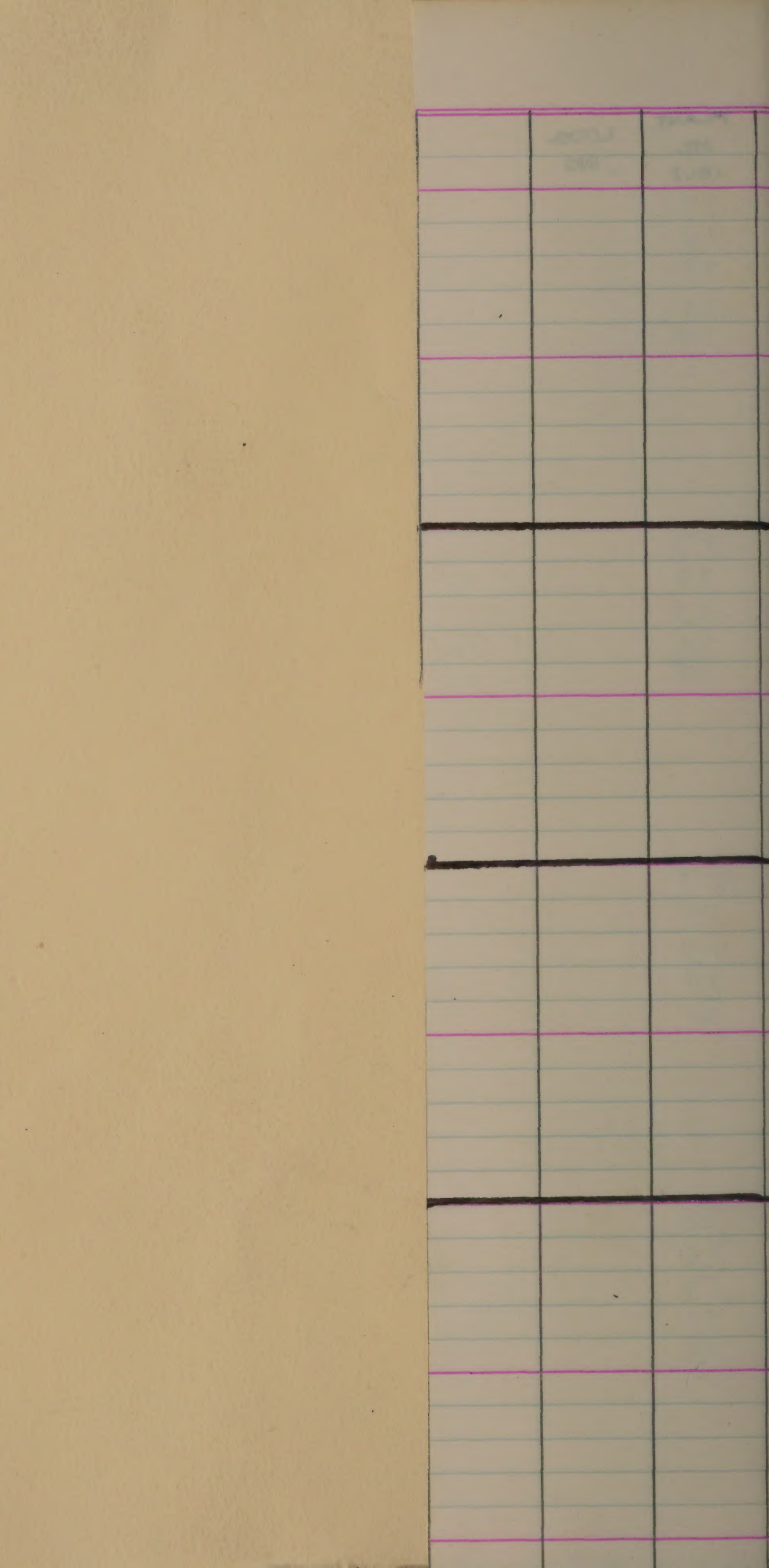
GMS. PER ROW	ACRE	YIELD
	LBS.	BL.
1736	5006	24.1
1961		
2244		
1851		
	38.96	

1858	4791	24.0
2032		
1548		
2329		
	38.84	

3rd Date: June 5/18

			Date	
			1st Head	Full Ripe
241	BLUEBELLE	144	7-29	
		253	7-30	
	CI. 9544	346	7-29	
		456	7-31	
	45, 80		7-30	(104)
	Hv 8-30			
242	BLUEBELLE	143	7-30	
		241	8-3	
	CI. 9544	354	7-27	
		444	8-1	
	45, 120		7-31	(105)
	Hv 8-30			
243	BLUEBELLE	141	8-4	
		247	8-2	
	CI. 9544	352	8-1	
		454	7-29	
	45, 160		8-1	(106)
	Hv 8-30			
244	BLUEBELLE	147	7-28	
		249	7-29	
	CI. 9544	349	7-28	
		442	7-31	
	90, 80		7-29	(103)
	Hv 8-30			

PLANT HT. (IN.)	LODG- ING	
34		
34		
33		
<u>33</u>		
34		
37		
37		
32		
<u>35</u>		
33		
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40		
<u>34</u>		
38		
36		
32		
34		
<u>31</u>		
33		



arrived 14 20

245

BLUEBELLE

150

7-29

244

7-29

CI. 9544

343

7-30

458

7-30

90, 120

7-30

(104)

H₀P-30

246

BLUEBELLE

158

7-31

248

7-30

CI. 9544

353

7-30

449

7-30

90, 160

7-30

(104)

H₀P-30

247

BLUEBELLE

154

7-28

258

7-28

CI. 9544

356

7-27

443

7-28

135, 80

7-28

(102)

H₀P-30

248

BLUEBELLE

142

7-28

251

7-27

CI. 9544

341

7-29

446

7-28

135, 120

7-28

(102)

H₀P-30

[illegible]

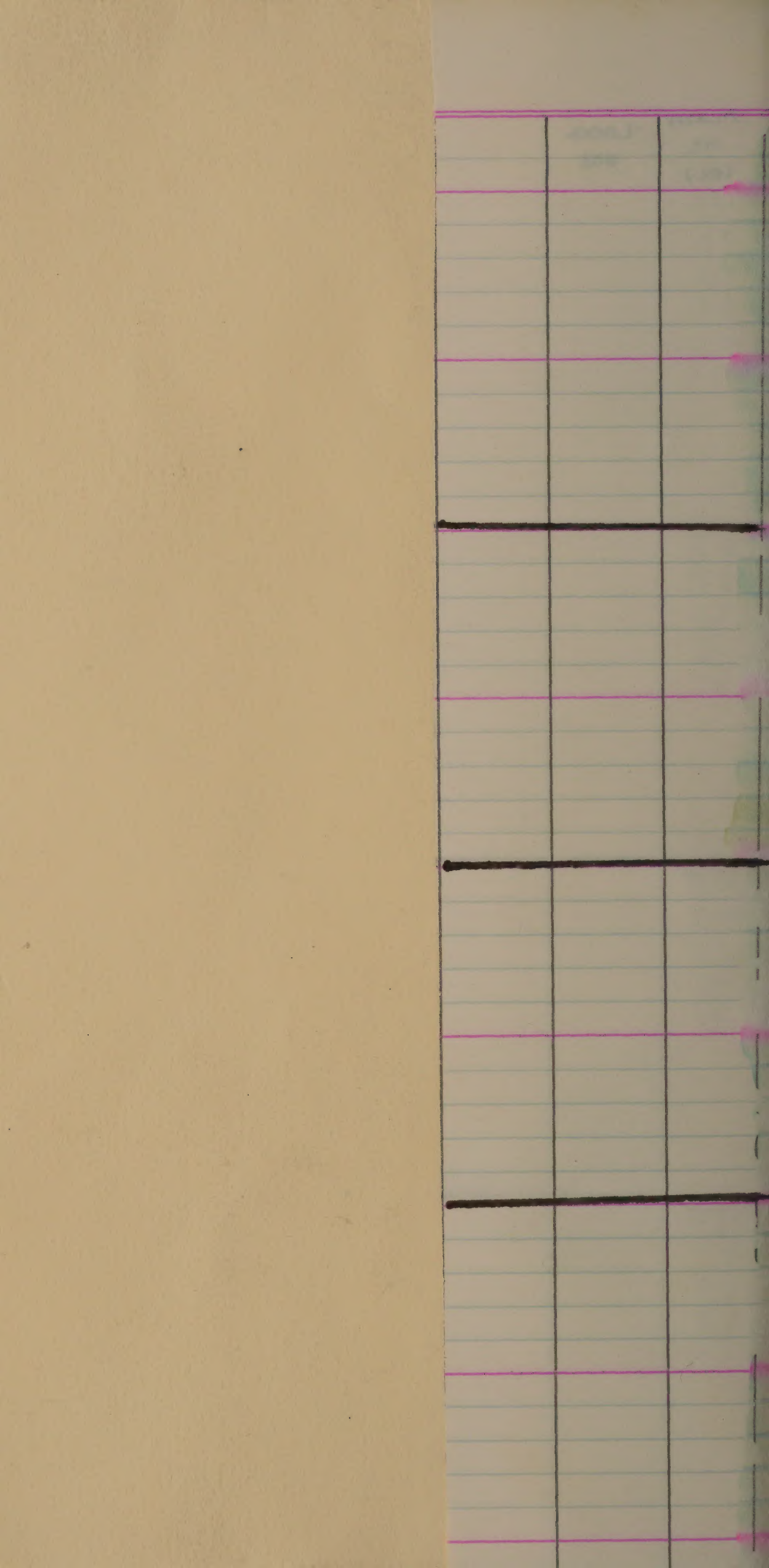
[illegible]

YIELD DATA

			GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
			1698	4109	
			1817		
			1419		
			1461		
				3198	19.7
			2127	5078	
			2223		
			1950		
			1603		
				3952	24.4
			1663	3828	
			1451		
			1456		
			1388		
				2979	18.4
			1813	4494	
			1972		
			1441		
			1728		
				3497	21.6

			Date	
			1st Head	Full Rise
249	BLUEBELLE	145	7-29	
		246	7-29	
	C.I. 9544	355	7-29	
		455	7-29	
	135, 160		7-29	(103)
	H. 8-30			
250	BELLE PATNA	146	7-23	
		254	7-23	
	C.I. 9433	344	7-23	
		457	7-23	
	45, 80		7-23	(97)
	H. 8-27			
251	BELLE PATNA	148	7-25	
		242	7-26	
	C.I. 9433	345	7-24	
		450	7-25	
	45, 120		7-25	(99)
	H. 8-27			
252	BELLE PATNA	149	7-26	
		250	7-26	
	C.I. 9433	357	7-25	
		452	7-25	
	45, 160		7-26	(100)
	H. 8-27			

[illegible]



3493	21.6
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253

BELLE PATNA

157

7-21

255

7-23

CI. 9433

348

7-22

451

7-22

90/80

7-22

(96)

H. 8-27

254

BELLE PATNA

155

7-23

243

7-23

CI. 9433

358

7-22

441

7-27

90/120

7-24

(98)

Disorder delay possibly by deep water.

H. 8-27

255

BELLE PATNA

156

7-24

252

7-23

CI. 9433

351

7-23

453

7-23

90/160

7-23

(97)

H. 8-27

256

BELLE PATNA

151

7-21

257

7-21

CI. 9433

347

7-22

448

7-22

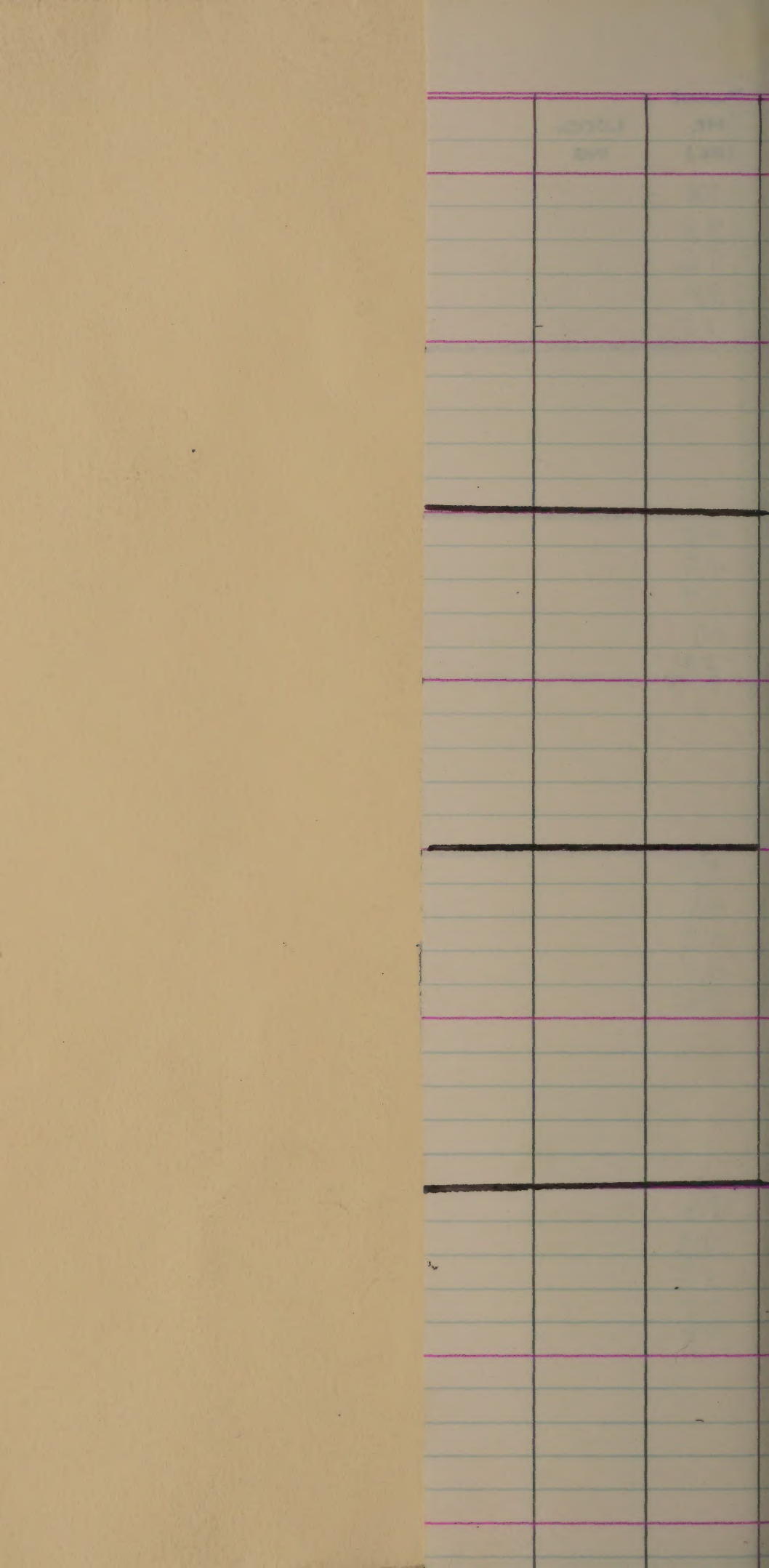
135-80

7-22

(96)

H. 8-27

PLANT HT. (IN.)	LODG- ING	
38		
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37		



YIELD DATA

			GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
			1232		
			1246		
			1210		
			1167		
				3120	
				2428	15.0

			1652		
			1647		
			1458		
			1267		
				3890	
				3012	18.6

			1863		
			1980		
			1802		
			1789		
				4776	
				3217	22.9

			1492		
			1342		
			1323		
			1089		
				3403	
				2648	16.3

257

BELLE PATNA

153

7-22

256

7-23

CI. 9433

342

7-23

445

7-22

135, 120

7-23

(97)

H. A. 27

258

BELLE PATNA

152

7-23

245

7-23

CI. 9433

350

7-23

447

7-23

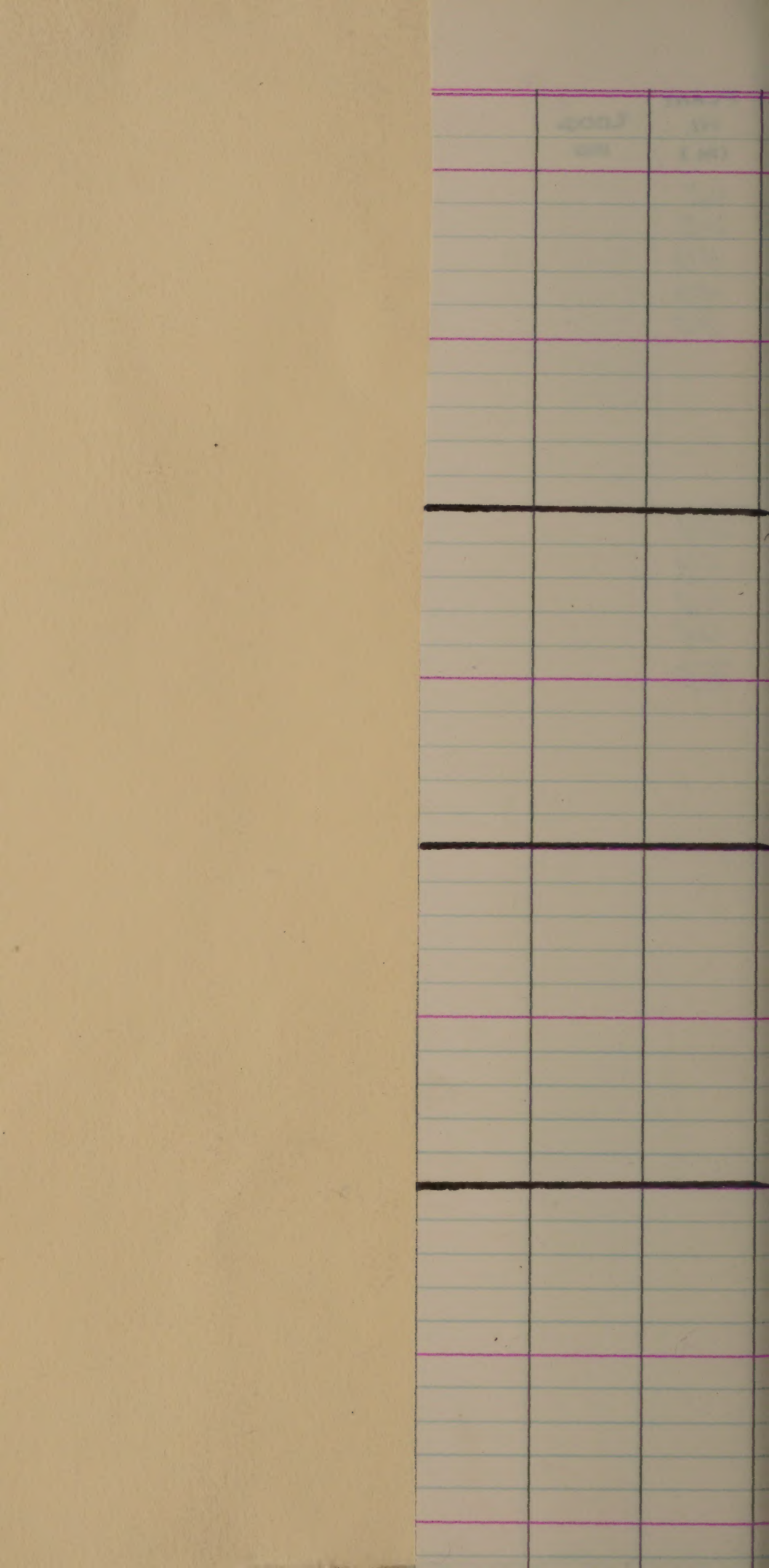
135, 160

7-23

(97)

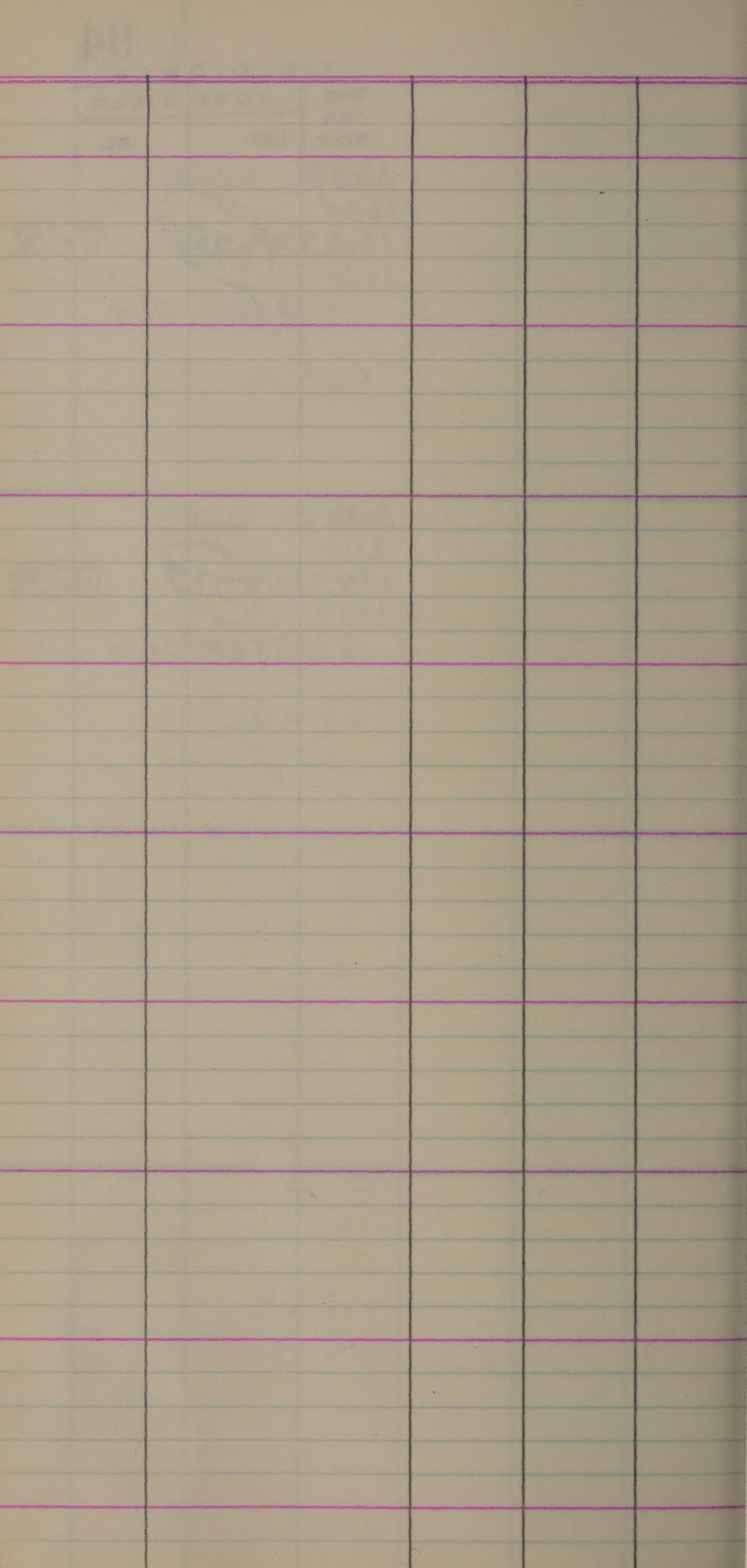
H. A. 27

PLANT HT. (IN.)	LODG- ING	
42		
40		
40		
40		
<u>40</u>		
44		
48		
42		
44		
<u>45</u>		



YIELD DATA

			GMS. PER ROW	ACRE YIELD	
				LES.	BL.
			1783	4451	
			1664		
			1946		
			1534		
				3464	21.4
			2097	5073	
			2110		
			1811		
			1877		
				3948	24.4



Ready to

Nov. 7-20

111, 110, 113

103, 109

Cadall extra

341-350

Doll of Seeding

213

8-3

10

12

13

14

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APR. 1962 **6**

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

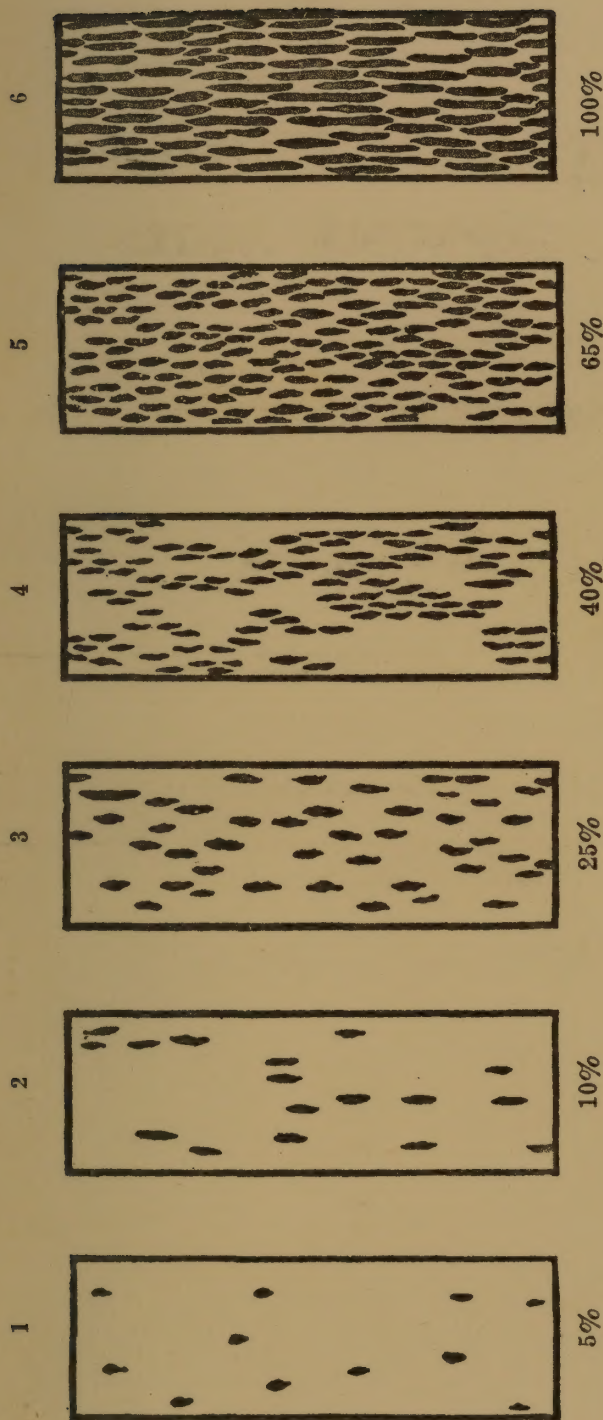


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

201

202

203

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SINGLE NURSERY PLOTS (501-824)^{105.}

S3; 15, 16 x 17 E SOWN: 5-4		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
501	BLUEBELLE CI. 9544 Hv 8-13 (Fd.)	7-15	days to maturity (101)	37
502	B5111A1. CP-231 X Z.B. Hv 9-9 (779)	8-7	Straw, lgt. (126)	40
503	B5112A1-106-2-4. BOT X Z.B. Hv 9-3 (8339)	8-3	Straw, lgt. (122)	39
504	B5481A21-1-1, TP _{1/2} X CP-231 Hv 9-16 (8715)	8-9	Wd. lgt., V. sh. to. V. and round mixture, roger out, tall, straw to (128)	27
505	B5489A4-2-2, CP-231/2 X CI. 8920 Hv 9-3 (8346)	7-30	lgt.? Wd. lgt. (118)	43
506	B5517A17-7-1-3 CP-231/2 X PI. 180, 177 Hv 9-9 (8358)	8-4	(123) Wd. lgt. Sterility	45
507	B5517A30-3-2-2, Hv 9-3 (8362)	7-27	(115) Wd. lgt. Sterility on 506.	46
508	B5580A1-15-2-3, CP-231 X SLO-17 Hv 9-3 (8374)	7-30	Wd. lgt. (118) some spout breaks prob. due to stld.	37

GMS./PLOT X 4 = LBS./A.
2 Rows, 16' long.

1

glauco
size
LMS

VARI SINGLE NURSERY PLOTS

LODG. ING	1965 Iodine at Kali	YIELD DATA			BL.
		GMS. PER ROW	ACRE LES.	YIELD	
	11.5 I	996	3984	24.6	L
% Head 63.4	% TOTAL 70.6				
	7.5 I	1106	4424	27.3	L
54.2	68.0				
	9.0 I	1087	4348	26.8	L
59.8	66.9				
	65.5 H	502	2008	12.4	L
claud panic. shd. panic.	63.4 66.8				
	6.5 I	1088	4352	26.9	L
57.6	65.4				
	6.5 I	995	3980	24.6	L
36.2	68.6				
	4.0 I	1021	4084	25.2	L
53.4	66.2				
	48.0 H	1176	4704	29.0	L
54.9	61.4				

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
509	B5580A1-15-2-3-1, CP-231 X SLO-17 Hu. 9-3 (8377)	7-29	Straw, lgt. (117)	35
510	B561A1-7-2-1, X, CP-231 (bu) X REX. Hu 9-16 (8390)	8-9	Gold. lgt. (128) Main spike fair, for a dwarf type	30
511	B561A1-23-1-1 Hu 9-16 (8393)	8-7	Gold. lgt. (126) Taper, curved	29
512	B561A1-23-1-5 Hu 9-16 (8396)	8-7	Gold. lgt. (126) Tapered, curved	29
513	CENTURY PATNA-231 C.I. 8993 Hu 9-7 (23)	7-29	(117)	44
514	B561A2-18-1-2 Hu 9-16 (8399)	8-6	(125) More fly leaves. mtd at maturity than 510, 511, 512. v. chunky	26
515	B561A3-22-3-1 Hu 9-3 (8409)	7-31	Gold. lgt. (119) + full.	45
516	B563A1-5-3, X, CP-231 (bu) X BBT Hu 9-3 (8406)	8-1	Straw, lgt. (120) Fair gr. shape.	30

YIELD DATA

LODG- ING		$\frac{I}{A}$	GMS. PER ROW	ACRE YIELD		
				LBS.	BL.	
		$\frac{66.0}{I}$	849	3396	21.0	L
	% Head	% Total				
	55.4	62.6				
		$\frac{53.5}{I}$	816	3264	20.1	L
	48.2	64.0				
		$\frac{20.0}{I}$	804	3216	19.9	L
	25.6	63.2				
		$\frac{20.0}{L}$	712	2848	17.6	L
	30.1	64.2				
		$\frac{35.0}{L}$	1096	4384	27.1	L
	62.6	66.6				
		$\frac{16.5}{I}$	694	2776	17.1	L
	22.4	65.6				
		$\frac{12.0}{I}$	993	3972	24.5	L
	60.6	66.6				
		$\frac{16.0}{I}$	694	2776	17.1	L
	38.2	61.4				

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
517	B5617A43-17-1-3-2, REX $\frac{1}{2}$ X PI. 183.331 Hv9-16 (8673)	S-18	(137)	42
		Straw, lgt.		
		V. mid leaf, broad leaf.		
		Stk. brown. 1 $\frac{1}{2}$		
518	B5617A4-38-1-2, H-9-16 (794)	S-21	(140)	43
		V. mid, mid. leaf.		
		Mid fly, mid. leaf.		
		Stk. div. 200		
			lgt.	
519	B5617A43-27-1-3, H-9-16 (836)	S-20	(139)	40
		V. mid, mid. leaf.		
		Straw, lgt.		
		V. slender		
			End fly,	
520	B571A 2.9.10.1.2-1-2 PI 215936 X (PI 231 X 9912) Hv9-3 (8271)	7-31	(119)	37
		V. mid fly		
		Straw, lgt.		
521	B571A 2.9.10.1.2-1-3 Hv9-3 (8272)	7-31	(119)	37
		V. mid fly		
		Straw, lgt.		
522	B571A 1.40.4.2.2-1-2, Hv9-3 (8274)	7-31	(119)	40
		V. mid fly		
		Straw, lgt.		
523	B572A 1.6.2.3.1-2-3, PI 215936 X CI. 9214 Hv9-3 (7918)	S-1	(120)	42
		Straw lgt.		
		Pr. sp. 1		
		Red color at mid.		
524	B572A 3.22.8.3.6.1-2 Hv9-3 (7968) X good list	S-3	(122)	42
		Straw mid.		
		Sgt.		
		of chalk.		

YIELD DATA

LODGING		$\frac{I}{A}$	GMS. PER ROW	ACRE	YIELD	
				LBS.	BL.	
		$\frac{7.0}{I}$	689	2756	17.0	L
	%Hnd 20Total 53.4 67.3					
		$\frac{19.0}{I}$	564	2256	13.9	L
	40.2 59.7					
		$\frac{7.5}{I}$	640	2560	15.8	L
	50.0 66.4					
		$\frac{16.0}{L}$	888	3552	21.9	L
	52.8 67.2					
		$\frac{11.5}{L}$	912	3648	22.5	L
	54.6 66.4					
		$\frac{12.5}{I}$	1086	4344	26.8	L
	58.5 67.6					
		$\frac{11.5}{I}$	1143	4572	28.2	L
	55.2 67.9					
		$\frac{11.0}{I}$	1271	5084	31.4	Sgt
	66.4 72.1					

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
525	B572A3.47.5.3.3.2.3 PI. 215936 X CI. 9214 Hv 9-9 (7997) encl. lg. leaf. Gold. lgt. (127)	F-8		39
526	B572A3.47.6.3.1.2.2 Hv 9-9 (7999) SNP Stem, lgt. Pr. op. Chain looks good. (127)	F-8		44
527	B572A3.47.6.3.1.3.3 Hv 9-9 (8004) SNP Stem, lgt. Pr. 526 (128)	F-9		42
528	B572A3.47.11.2.2.3.0K Hv 9-16 (8017-19) Stem, lgt. V. little pr. op. if any united. Some taper to pr. (132)	F-13		38
529	B572A3.47.11.2.3.1.0K Hv 9-9 (8021-23) Stem, lgt. Pr. op. (126)	F-7		42
530	PI 215,936 Hv 9-9 (635) Stem, lgt. (120)	F-1		39
531	B572A3.47.2.2P.1-1.2 Hv 9-3 (8069) Stem, lgt. Pr. op. (121) (122)	F-2		41
532	B572A3.47.2.2P.2.2.0K Hv 9-3 (8077-79) SNP Stem, lgt. (123) Full milled pr. @ 1300 lgt.	F-4		40

YIELD DATA

LOGGING		$\frac{I}{A}$	GMS. PER ROW	ACRE	YIELD	
				LBS.	BL.	
		$\frac{7.0}{L}$	1130	4520	27.9	L
	% HEAD 49.0	% TOTAL 69.0				
		$\frac{8.5}{I}$	1142	4568	28.2	L
	54.9	68.0				
		$\frac{10.0}{I}$	988	3952	24.4	L
	52.6	66.4				
		$\frac{18.5}{I}$	1033	4132	25.5	L
	58.2	68.6				
		$\frac{8.5}{I}$	1062	4248	26.2	L
	50.6	66.9				
		$\frac{14.5}{L}$	1014	4056	25.0	S
	69.8	73.6				
		$\frac{11.5}{I}$	1167	4668	28.8	L
	61.0	68.7				
		$\frac{12.0}{I}$	1039	4156	25.7	L
	60.0	68.4				

		Date		Plant hgt. (in.)	
		1st Head	Full Ripe		
533	B572A3.47.2.2P.2.3.3, Pt. 215936 X C5.9214 Hv. 9-3 (8083) SNP	8-4	Straw, light. (123)	40	
534	B572A3.47.3.1P.1.1.1/ Hv. 9-9 (8134)	8-2	Straw, light. large gr. little ing. kr. (121)	42	
535	B572A3.47.3.1P.3.1. BH Hv 9-9 (8141-43)	8-1	as. 534 (120)	42	
536	B572A3.47.3.1P.3.3. BH Hv 9-9 (8144-46)	8-3	as 534 (122)	42	
537	B572A3.47.3.3P.1.3, Hv. 9-9 (8149) SNP	8-9	as. 534 (128)	41	
538	B572A3.47.3.3P.2. BH Hv. 9-9 (8150)	8-7	as. 534 (126)	41	
539	B572A3.47.10.5.1.1.1, Hv 9-9 (8163)	8-7	as 534 (126)	41	
540	B572A3.47.5.3P.1P.1. BK Hv 9-3 (8197)	8-1	(120) large gr. glaucous. Straw, light. v. chalky	43	

YIELD DATA

LODG- ING		$\frac{I}{A}$	GMS. PER ROW	ACRE LBS.	YIELD SL.	
		$\frac{11.0}{\pm}$	1148	4592	28.3	L
	% HEAD 62.2	% TOTAL 68.8				
		$\frac{9.0}{I}$	1076	4304	26.6	L
	54.6	66.6				
		$\frac{9.5}{\pm}$	1292	5168	31.9	L
	51.4	67.4				
		$\frac{8.0}{I}$	1145	4580	28.3	L
	45.0	66.1				
		$\frac{7.5}{L}$	1083	4332	26.7	L
	52.1	66.4				
		$\frac{7.5}{L}$	994	3976	24.5	L
	57.4	68.2				
		$\frac{11.0}{L}$	1094	4376	27.0	L
	53.5	67.4				
		$\frac{9.0}{L}$	1130	4520	27.9	L
	47.4	67.9				

541

B572A3.47.5.6P.1P.1.1,
PJ.215 436 X CJ. 9214Hv 9-3
(8201)

8-1

(120)

40

Hd. lgt.
Hd. prob. too sh.

542

B572A3.38.7.2.1.3.3,

Hv 8-5

~~Too tall~~
(9028)

7-15

(103)

51

V. lg. narrow leaf
Tall, willowy, Mg. new L

543

B572A1.6.5.1.6.2,

Hv 9-3
(624)

7-29

(112)

44

Hd. lgt.
Hooked gr. shape tapered

544

B572A1.6.5.1.6.3,

Hv 9-3
(625)

7-29

(117)

43

Hd. lgt.
V. lg. slender gr. tapered
irreg. shaped.

545

B572A3.47.2.2.1.2

Hv 9-3
(627)

8-3

(122)

44

Hd. lgt.
Too short

546

B572A3.47.2.2.1.3,

Hv 9-3
(628)

8-3

(122)

42

Hd. lgt.
prob. too short

547

B572A3.47.2.2.4

Hv 9-3
(630)

8-3

(122)

44

Hd. lgt.

548

B572A3.47.2.3.3.2

Hv 9-3
(632)

8-4

(125)

43

Hd. lgt.

YIELD DATA

LODG- ING		$\frac{I}{A}$	GMS. PER ROW	ACRE	YIELD	
				LBS.	BL.	
		$\frac{11.5}{L}$	1115	4460	27.5	L
	% HEAD 60.0	% TOTAL 66.2				
50%		$\frac{11.0}{I}$	908	3632	22.4	M
	28.2	58.4				
		$\frac{10.0}{I}$	1033	4132	25.5	L
	62.6	69.5				
		$\frac{9.5}{I}$	1218	4872	30.1	L
	63.0	68.2				
		$\frac{10.0}{I}$	1003	4012	24.8	L
	58.4	66.6				
		$\frac{10.0}{I}$	1066	4264	26.3	L
	60.0	67.3				
		$\frac{11.0}{I}$	861	3444	21.3	L
	59.4	67.2				
		$\frac{11.5}{I}$	977	3908	24.1	L
	52.0	65.8				

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
549	B572A3.47.5.3.2.3, Pt. 215936 X cr. 9214 Hv 9-3 (633)	S-4	coll. lgt. (123)	42
550	B572A3.47.6.3.2.3, Hv 9-9 (634)	S-8	(127)	41
SVP		Straw, lgt. Pr. apr. Even maturity on panicle? full gr. 1		
551	B572A3.47.5.1P.2.1, Hv 9-3 (636)	S-1	(120)	31
		v. sh. Pr. lgt. gold bell with full gr.		Too short
552	B572A3.47.5.3P.1.2, Hv 9-9 (637)	S-2	(121)	41
		Straw, lgt. Pr. apr. Mr. shape a bit off.		
553	B572A3.47.5.5P.1.2, Hv 9-9 (638)	S-9	(128)	34
		coll. lgt. Gr. prob. too sh.		
554	B572A3.47.5.5P.5.1, Hv 9.3 (639)	S-8	(127)	37
		coll. lgt. Gr. prob. too sh.		
555	B572A3.47.2.2P.2.1 Hv 9-9 (642)	S-1	(120)	46
		lgt. Pr. apr. Lg. flag leaf stands above pan. Some sterility. Few rough off-types.		
556	B572A3.47.5.1P.3P.1 Hv 9-3 (650)	S-1	(120)	41
		lgt. gold. not much fl. irreg. shape gr.		

YIELD DATA

LODG- ING		$\frac{I}{A}$	GMS. PER ROW	ACRE	YIELD	
				LBS.	BL.	
		$\frac{9.0}{I}$	955	3820	23.6	L
	% HEAD 57.0	% TOTAL 68.0				
		$\frac{8.5}{I}$	1039	4156	25.7	L
	57.0	68.4				
		$\frac{6.5}{L}$	1053	4212	26.0	L
	62.2	69.4				
		$\frac{12.0}{L}$	1023	4092	25.3	L
	51.4	66.8				
		$\frac{15.5}{L}$	878	3512	21.7	L
	56.7	66.0				
		$\frac{7.0}{L}$	892	3568	22.0	L
	51.4	66.4				
		$\frac{8.5}{I}$	823	3292	20.3	L
	30.2	68.0				
		$\frac{7.0}{L}$	924	3696	22.8	L
	60.0	70.0				

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
557	B572A3.47.5.1P.3P.2, PI.215936 X CJ.9214 Hv 9-3 (651)	8-1	(120) lgt. gold Stems present lk. not unif.	41 (ing. shape with hair)
558	B572A3.47.5.1P.3P.3, Hv 9-3 (652)	8-1	(120) lgt. gold. Stems present	41 ing. shape with hair
559	B572A3.47.6.3.1.3, Hv 9-9 (714)	8-9	(128) lgt. smooth straw. pr. apic. shaggy green and milky off.	42
560	B572A3.47.11.2.3.1 descended Hv 9-16 (718)	8-8	(127) lgt. smooth straw. pr. apic.	41
561	B572A3.38.7.2.1.1, Hv 9-16 (725)	8-15	(134) lgt. Pt. color	41
562	B572A3.38.7.2.2.2 descended Hv 9-16 (800)	8-17	(136) lgt. Pt. color	40
563	B572A3.47.7.1.1, Hv 9-9 (843)	8-1	(120) lgt. straw. large gr rough pr. apic. ing. shape & size	40
564	B573A1.2.5.2.1.1.1, PI.215936 X CJ.9402 Hv 9-3 (8204)	7-27	(115) bold hull met. pr. apic & glaucous some chubb	37

YIELD DATA

LODG- ING		$\frac{I}{A}$	GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
		$\frac{8.5}{L}$	983	3932	24.3 L
	% HEAD 62.4	% TOTAL 69.0			
		$\frac{8.5}{L}$	809	3236	20.0 L
	63.3	70.2			
		$\frac{9.0}{I}$	1104	4416	22.3 L
	52.5	68.2			
These 3 plots were cut & left in the field. Not used & germinated.		10.0	—	—	— L
		10.0	—	—	— L
		—	—	—	— L
		—	—	—	— L
		$\frac{9.0}{L}$	1173	4692	29.0 L
	51.8	69.4			
		$\frac{19.0}{L}$	1269	5076	31.3 M
	59.8	69.5			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
565	B573A 2.2.3.2 P. 215936 X C. 9402 Hv 9-3 (8221)	8-1	(120)	40
566	BLUE BONNET-50 C. 8990 Hv 9-6 (44)	8-13	(133)	49
567	B581AG.576.1.1.BK (P.231/3 X BB7) ₂ X P. 215936 Hv 9-3 (8302)	7-31	(119)	41
568	B581AG.181.1.4.2, Hv 9-3 (8321)	7-29	(117)	42
569	B581AG.302.3.3.2, Hv 9-3 (8324)	7-27	(115)	42
570	B581AG.545.4.2 Hv 9-3 (8331)	7-22	(110)	39
571	B582A1.41.4.2.3.1.1, (P.231 X Tojutla Hv 9-9 (7689)	8-1	(120)	Segn.
572	CENTURY PATNA-231 C. 8993 Hv 9-3 (23)	7-27	(115)	45

YIELD DATA

LODGING		$\frac{I}{R}$	GMS. PER ROW	ACRE YIELD		
				LBS.	BL.	
		$\frac{8.5}{I}$	1016	4064	25.1	L
	% HEAD	% TOTAL				
	57.8	66.6				
hand-milling - STREAMS						
		$\frac{18.0}{I}$	907	3628	22.4	L
	61.6	69.6				
		$\frac{20.0}{I}$	923	3692	22.8	L
	47.3	62.4				
		$\frac{24.0}{I}$	1036	4144	25.6	L
	55.2	64.5				
		$\frac{14.0}{I}$	964	3856	23.8	L
	57.0	66.8				
		$\frac{13.0}{I-L}$	1128	4512	27.9	L
	58.0	67.0				
		$\frac{10.0}{I}$	995	3980	24.6	L
	48.9	67.4				
		$\frac{36.0}{I}$	935	3740	23.1	L
	52.8	62.4				

		Date		Plant hgt. (in.)	
		1st Head	Full Ripe		
573	DIMA (1235)		(-) 7108 head 19-8 H. 4. late Nov.		
574	B583A1.45.2.2.2 CP.231 X DIMA H. 9-3 (7522)	7-31	(119) H. 4. 1/2. Much sterility Too short.	43	
575	B583A1.26.3.1.3, H. 9-3 (8722)	7-26	(114) H. 4. 1/2. Much sterility ineq. small gr.	44	
576	B584A1.16.5.2BK.1.2.3, BBT.50 X Jejut2A H. 9-9 (7602)	8-13	(132) H. 4. 1/2. Much smut good bit of white centers.	48	
577	B584A1.16.5.2BK.1.1.11, H. 9-16 (8761)	8-17	(136) H. 4. 1/2. Much sterility & smut Too chunky	51	
578	B584A1.16.5.2BK.1.1.3, H. 9-16 (8763)	8-17	(136) H. 4. 1/2. as 577 chunky	51	
579	B584A1.16.5.2BK.1.1.6, H. 9-16 (8766)	8-15	(134) H. 4. 1/2. as 577 chunky	49	
580	B584A1.16.5.2BK.2.2 H. 9-16 (8775)	8-14	(133) H. 4. 1/2. as 577 chunky	49	

YIELD DATA

LODGING	$\frac{I}{A}$	GMS. PER ROW	ACRE YIELD		
			LBS.	LB.	
	$\frac{23.0}{I}$				L
	$\frac{\% \text{ HEAD}}{0.0}$	$\frac{\% \text{ TOTAL}}{70.0}$			
	$\frac{16.0}{L}$	811	3244	20.0	L
49.1	61.6				
	$\frac{36.5}{I}$	1192	4768	29.4	L
58.8	65.0				
	$\frac{19.0}{I}$	877	3508	21.7	L
Probably best of B&F 50 x 50 entries in SNF's	51.9	71.2			
R	$\frac{I}{I}$	749	2996	18.5	L
22.3	62.4				
R	$\frac{15.0}{I}$	881	3524	21.8	L
28.8	64.0				
R	$\frac{14.5}{I}$	905	3620	22.3	L
33.6	62.5				
R	$\frac{16.0}{I}$	804	3216	19.9	L
41.4	63.6				

		Date		Plant hgt. (in.)	
		1st Head	Full Ripe		
581	B584A1.16.5.2BK.2.8, BBT-50 X J. J. 47LA Hv 9-16 (8782)	8-14	(133) or. 577	51	
582	B584A1.16.5.2BK.2.9, Hv 9-16 (8783)	8-15	(134) or. 577	49	
583	B584A1.16.5.2BK.2.13, Hv 9-16 (8787)	8-15	(134) Bird damage or 577	47	
584	B584A1.16.5.2BK.2.20 Hv 9-16 (8794) (2d. rows of BBT-50)	8-14	(133) Bird nest damage or 577	50	
585	B584A1.16.5.2BK.2.23 Hv 9-16 (8797)	8-15	(134) Bird nest damage Much small	49	
586	CI. 9545 Hv 8-27 (1103)	7-29	(117)	34	
587	BLUEBELLE CI. 9544 Hv 8-16 (Fd.)	7-16	(104)	37	
588	BELLE PATNA CI. 9433 Hv 8-5 (Fd.)	7-10	(98)	41	

1964 *redwing*

YIELD DATA

LODG- ING		$\frac{I}{A}$	GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
		$\frac{(25.0)}{(L)}$	—	—	— L
	<u>% Hand</u>	<u>% TOTAL</u>			
		$\frac{(29.0)}{(L)}$	—	—	— L
		$\frac{(22.0)}{(L)}$	—	—	— L
		$\frac{(32.0)}{(L-I)}$	—	—	— L
		$\frac{(24.5)}{(L)}$	—	—	— L
		$\frac{9.0}{I}$	1143	4572	28.2 M
	68.3	72.1			
		$\frac{12.0}{L}$	1071	4284	26.4 L
	62.6	69.6			
		$\frac{10.0}{I}$	906	3624	22.4 L
	61.2	70.2			

VARIETY * FERTILIZER STUDY

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
589	B584A 2-63-1-2-2, BBT-50 X TojutzA (792)	9-6 v. late, v. small, lg. curled leaf. lg.	(155)	
590	B585A 1-28-1-3, BBT-50 X DIMA Hv 9-16 (8676)	8-9 lg., much small. v. long irreg shaped middle gr. chaffy	(128)	46
591	B585A 1-93-1-1-1 Hv 9-16 (8690)	8-19 lg. Some chaff v. long gr. (good)	(138)	45
592	B585A 1-93-1-1-3, Hv 9-16 (8693)	8-19 lg. few awns v. long gr. full (good)	(138)	47
593	B589A 2-4-1-2-1, BBT-50/2 X GULF ROSE Hv 9-9 (7146)	8-7 BBT gr. shape. large open pan. Irreg shape, shd milled off	(126)	43
594	B589A 2-4-1-2-3 Hv 9-9 (7150)	8-7 lg. Irreg shape. off end milled off	(126)	42
595	B589A 3-55-2-4-2-1 Hv 8-27 (7184)	7-27 Straw hull lg. Emil flag - chaff. larger than BBT milled.	(115)	42
596	GULF ROSE CI. 9416 Hv 8-27 (306)	7-20	(108)	43

YIELD DATA

LODG- ING		$\frac{I}{A}$	GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
		$\frac{16.0}{F}$	718	2872	17.7 L
	% HEAD	% TOTAL			
	59.4	67.2			
		$\frac{12.0}{L-I}$	916	3664	22.6 L
	49.8	67.4			
		$\frac{18.0}{I}$	989	3956	24.4 L
	55.0	67.4			
		$\frac{26.0}{I}$	920	3680	22.7 L
	55.4	67.4			
		$\frac{16.0}{\pm}$	1085	4340	26.8 L
	47.0	67.1			
		$\frac{15.0}{I}$	988	3952	24.4 L
	42.6	66.7			
		$\frac{13.5}{I}$	1088	4352	26.9 L
	59.8	67.7			
		$\frac{22.5}{I}$	1214	4856	30.0 M
	59.4	69.8			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
597	B589A3.55.2.4.2.2, B8F.50 1/2 X GULF ROSE Hv 8.27 (7185)	7-27	(115) lgh. B8F or better. or 595 milled.	43
598	B589A3.55.2.4.2.3, Hv 8.27 (7186)	7-27	(115) lgh. as 595 milled	42
599	B589A3.86.3.3.2.1, Hv 8.27 (7187)	7.20	(108) lgh. ling. shape & size milled	42
600	B589A18.29.3.2, Hv 8.27 (7730)	7-18	(106) Shorter of this group. Stem hull lgh. gr. too short. Shabby	36
601	B589A18.33.3.1.2.2, Hv 8.27 (7734)	7.22	(110) Stem hull lgh. gr. too short.	38
602	B589A18.52.2.2.1.2, Hv 8.27 (7737)	7-20	(108) Stem hull lgh. ling. shape & size. ord. milled off.	38
603	B589A18.52.2.2.1.4, Hv 8.27 (7739)	7-20	(108) Stem hull lgh. as 602 milled.	37
604	B589A18.52.2.2.3.1, Hv 8.27 (7746)	7-20	(108) Sturdy stem. Stem hull lgh. as 602 milled	38

YIELD DATA

LODG. ING		$\frac{I}{A}$	GMS. PER ROW	ACRE	YIELD	
				LBS.	BL.	
		$\frac{15.5}{L}$	1128	4512	27.9	L
	% HEAD	% TOTAL				
	59.3	68.9				
		$\frac{13.0}{I}$	1116	4464	27.6	L
	57.6	67.2				
		$\frac{13.0}{I}$	993	3972	24.5	L
	56.7	67.9				
		$\frac{13.0}{I}$	1110	4440	27.4	L
	63.0	69.6				
		$\frac{14.0}{L}$	977	3908	24.1	
	60.8	67.4				
		$\frac{11.5}{I}$	1126	4504	27.8	
	61.6	69.5				
		$\frac{12.0}{I}$	1039	4156	25.7	
	59.4	69.4				
		$\frac{9.5}{L}$	1083	4332	26.7	
	61.7	69.6				

605

B589A 18.7.2.3.2.3
BBT. 50/2 X GULF ROSEHv 9-3
(7754)

8-6

(125)

41

lyt. shorter gr. than previous
plots, too shd. gr.

606

CI. 9545

Hv 9-2
(1103)

7-30

(118)

35

mgt.

607

B589A 14.75.2.6.1.2,

Hv 9-9
(7763)

8-9

(128)

45

lyt. shd. gr., looks good.
long pan. poor milled gr.

608

B589A 19.75.3.5.3.2

Hv 9-9
(7769)

8-10

(129)

46

lyt. shd. gr. looks good
long pan.

609

BLUEBONNET- 50
CI. 8990Hv 9-16
(44)

8-14

(133)

47

610

B589A 30.37.2.2.2.1,

Hv 9-9
(7787)

8-10

(129)

46

dark, best of line.
milled gr. too short.

611

B589A 335.5.2BK.3.1

Hv 8-27
(7790-92)

7-27

(115)

40

poor milled gr.

612

B589A 382.3.2BK.2.3

Hv 9-3
(7805)

8-8

(127)

38

poor milled gr.
chunky comb.

1965

YIELD DATA

LODGING	$\frac{I}{A}$	GMS. PER ROW	ACRE	YIELD
			LBS.	BL.
	$\frac{29.5}{L}$	692	2768	17.1
% HEAD 60.5	% TOTAL 69.6			
	$\frac{11.5}{L}$	1138	4552	28.1
69.5	72.6			
	$\frac{11.5}{I}$	937	3748	23.1
43.8	67.9			
	$\frac{13.0}{I}$	860	3440	21.2
44.0	66.2			
	$\frac{20.0}{I}$	950	3800	23.5
60.1	68.0			
	$\frac{18.0}{I}$	950	3800	23.5
61.0	69.2			
	$\frac{12.5}{I}$	898	3592	22.2
54.4	67.2			
	$\frac{11.5}{I}$	829	3316	20.5
47.8	67.4			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
613	CI. 9534 Hv 9-3 (25)	7-29	(117)	40
614	BLUEBELLE CI. 9544 Hv 8-13 (Fd.)	7-15	(103)	38
615	(CENTURY PATNA-231 CI. 8993 Hv 1-3 (23)	7-29	(112)	45
616	BELLE PATNA CI 9433 Hv 8-5 (Fd.)	7-10	(98)	40
617	B589A18-52.2.2.2, B5T-50 1/2 X GULF ROSE Hv 8-27 (565)	7-22	(110) Should have a 1st Millet sample was mfgd.	38
618	B589A18-52.2.2.3, Hv 8-27 (566)	7-20	(108) lyt. M. of B.P. gr. V. IRREG. GR. SHAPE	38
619	B589A3-1-1-2.2 Hv 9-9 (739)	8-9	(128) Erect broad leaf. lyt. M. of B.P. gr. Poor milled gr. shape	43
620	B5813A12.5.2.2.2.2, P5-215936 X LAC. SNP (7112)	8-21	(140) Erect, M. of leaf. Bad damage Sgt. clear gr. milled	50 Too tall?

YIELD DATA

LODG. ING	$\frac{I}{A}$	GMS. PER ROW	ACRE YIELD	
			LBS.	BL.
	$\frac{10.0}{I}$	892	3568	22.0
% HEAD 57.8	% TOTAL 64.0			
	$\frac{11.5}{I}$	1057	4228	26.1
60.4	69.4			
	$\frac{38.0}{I-I}$	807	3228	19.9
54.3	63.2			
	$\frac{11.5}{I}$	894	3576	22.1
60.6	71.2			
	$\frac{41.5}{L}$	1109	4436	27.4
63.2	70.4			
	$\frac{10.0}{L}$	1019	4076	25.2
63.8	71.2			
	$\frac{13.5}{I}$	974	3896	24.1
67.2	68.5			
	$\frac{38.0}{L}$	811	3244	20.0
69.6	71.2			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
621	B5813A12.5.2.2.2.3, Pt. 215930 X LAC. SNP (7113)	8-22	(141) Erect mid leaf. Sgt. like 620 milky.	49
622	B5813AP.3.1.1.2.1, Hv9-3 (8475) <i>GOOD</i> Milky gr. shorter than S.R.	7-27	(115)	40
623	B5813AP.3.1.1.2.2, Hv9-9 (8476)	7-31	(119) Milky. Pt. color. almost a Sgt.	38
624	B5813AP.3.1.1.2.3, Hv9-9 (8477)	7-31	(119) Milky. Pt. color. almost a Sgt. - milky fruit	38 <i>held</i>
625	B5813AP.10.1.2.1, Hv8-27 (8478) SNP	7-22	(110) Straw ball V. little pubescence. Mid leaf.	41 mgt.
626	B5813A11.64.1.1.2.BK Hv9-9 (8482-84)	8-1	(120) Std. gr. type, dark green color. Erect growth. Hand milling	45
627	B5813A11.71.1.2.2.BK Hv9-9 (8485-87)	8-7	(126) Erect Nor. leaf. mgt. for gr.	43
628	B5813A11.71.1.2.3.BK Hv9-4 (8488-90)	8-3	(122) Erect leaf. mgt. Chunks	44

YIELD DATA

LODG. ING		$\frac{I}{A}$	GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
		$\frac{36.5}{L}$	871	3484	21.5
	% HEAD 69.6	% TOTAL 71.6			
		$\frac{24.5}{L}$	1250	5000	30.9
	69.5	72.0			
		$\frac{32.0}{L}$	987	3948	24.4
	69.6	72.6			
		$\frac{36.0}{L}$	1173	4692	29.0
	64.8	71.0			
		$\frac{35.0}{L}$	1241	4964	30.6
	69.8	71.6			
		$\frac{34.5}{L}$	1160	4640	28.6
	64.0	71.2			
		$\frac{14.5}{I}$	1199	4796	29.6
	61.8	68.8			
		$\frac{14.5}{I}$	1175	4700	29.0
	60.2	68.0			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
629	B5813A12.5.1.3.BK, PI 215936 X LAC. Hv 9-9 (8504-06)	8-1 sgt.	(120)	40.
630	B5813A11.64.1.1.2, Hv 9-9 (673)	8-2 isgt.	(121)	44
631	B5813A11.71.1.2.2, (674)	8-8 myt.	(122)	44
632	B5813A12.4.1.1.1, Hv 9-3 (675)	7-16s Mostly stg (sgt.) sgt. milk sample over lgt.	(127)	40
633	B5813A12.4.1.3.2, Hv 8-27 (676)	7-22 sgt.	(101)	39
634	B5813A12.6.1.1.3 Hv 8-27 (677)	7-27 myt, sh. awn. pubescence	(15)	39
635	B5816A13.9.1BK.2.2 G.R. X [ZX (BR/3 X R)] Hv 8-27 (8511)	7-20 myt. smooth Possibly too long.	(108)	41
636	B5816A13.14.2.2.1 Hv 8-27 (8513)	7-20 myt. Chalky, smaller than S.R.	(108)	41

4311
1966 EXTRA
SNP

SNP

YIELD DATA

LOGGING		$\frac{I}{A}$	GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
		$\frac{33.0}{L}$	1266	5064	31.3
	%HEAD 66.0	%TOTAL 71.2			
		$\frac{34.5}{L}$	964	3856	23.8
	62.4	69.9			
		$\frac{14.0}{I}$	1304	5216	32.2
	64.8	69.4			
		$\frac{11.0}{L-I}$	1077	4308	26.6
*	61.6	69.6	omitted report		
		$\frac{30.0}{L}$	1309	5236	32.3
	69.8	71.8			
		$\frac{35.0}{L}$	1186	4744	29.3
	61.6	70.0			
		$\frac{29.0}{L}$	1302	5208	32.1
	68.6	70.2			
41		$\frac{8.5}{L}$	1096	4386	27.1
	52.4	69.0			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
637	B5816A13.14.3.1.3, G.R. X [2 x (BR _{1/3} X R)] H. 8-27 (8518)	7-20 mgt	(108) like 636	41
638	B5816A13.14.3.2.3, H. 8-27 (8522)	7-22 mgt	(110)	41
639 ✓ SNB	B5816A13.33.1.2.1.3, H. 8-27 (8527) notes fluted etc	7-24 mgt	(112)	39
640 SNP	B5816A123.1.1.2.1, H. 8-27 (8535)	7-20 mgt	(108)	40
641	GULF ROSE CI. 9416 H. 8-27 (306)	7-20 mgt	(108)	43
642 SNP	B5816A123.3BK.1, H. 8-27 (8542)	7-20 mgt	(108) good with sample	40
643 SNP	B5816A2.22.1.1.3BK H. 8-27 (8545-47)	7.22 mgt.	(110) same chaulk G.R. layer	40
644	B5816A2.29.2.3.2.2 H. 8-27 (8332)	7-20 mgt.	(108)	41

LODG- ING	$\frac{I}{A}$	GMS. PER ROW	ACRE YIELD	
			LBS.	BL.
	$\frac{10.0}{L}$	1169	4676	28.9
	% HEAD			
	55.0			
	% TOTAL			
	69.6			
	$\frac{11.0}{L}$	999	3996	24.7
	58.2			
	69.2			
	$\frac{25.0}{L}$	1257	5028	31.0
	68.0			
	70.9			
	$\frac{32.0}{L}$	1074	4296	26.5
	66.7			
	70.5			
	$\frac{26.5}{L}$	1288	5152	31.8
	67.4			
	70.6			
	$\frac{28.5}{L}$	1252	5008	30.9
	67.9			
	71.2			
	$\frac{10.5}{L}$	1258	5032	31.1
	64.4			
	70.4			
	$\frac{12.5}{L}$	1118	4472	27.6
	64.0			
	70.4			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
645	B5816A3-9.2.2-1.2 G.R. X [2 x (BR ₁ X R)]	7-20	(108)	42
<u>SNP</u>	(8555) H. 8 27 H.R. length but slender.			clear
646	B5816A3-11.1.1.2,	7-20	(108)	43
	(8558) H. 8 27 H.R. length Some			leaf
647	B5817A61-2.2.2.2-1, GULFROSE X LAC.	7-20	(108)	43
<u>SNP</u>	(8564) H. 8 27 H.R. length			good midrib sample
648	B5817A61-3.2.2.2.2	7-20	(108)	44
<u>SNP</u>	(8568) H. 8 27 H.R. length			as 647
649	B5817A61-4.2.2.2.1	7-20	(108)	46
<u>SNP</u> <u>Extra</u>	(8570) H. 8 27 H.R. length			Maybe too tall.
650	B5817A61-4.2.3.2.2	7-20	(108)	43
<u>SNP</u>	(8584) H. 8 27 H.R. length			
651	B5818A15-5.3.3-BA G.R. X Pt. 215936	7-21	(109)	39
<u>SNP</u>	(8589-91) A. 8 27 H.R. length			almost a flate
652	B5818A15-7.2.3.2-BA	7-25	(113)	39
<u>SNP</u>	(8592-94) H. 8 27 H.R. length			like 651

YIELD DATA

LODG- ING		$\frac{I}{A}$	GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
		$\frac{23.5}{L}$	1292	5168	31.9
	% HEAD	% TOTAL			
	66.3	70.2			
		$\frac{13.0}{L}$	1122	4488	27.7
	64.1	70.4			
		$\frac{24.0}{L}$	1220	4880	30.1
	67.3	70.6			
		$\frac{21.5}{L}$	1172	4688	28.9
	65.8	70.0			
		$\frac{21.5}{L}$	1419	5676	35.0
	65.6	70.1			
		$\frac{25.5}{L}$	1277	5108	31.5
	67.8	70.9			
		$\frac{28.5}{L}$	1150	4600	28.4
	64.8	69.4			
		$\frac{24.5}{L}$	1140	4560	28.1
	66.7	69.8			

			Date		Plant hgt. (in.)
			1st Head	Full Ripe	
653	B5818A15.15.2.3.3 G.R. X PI.215936 Hv8.27 (8604) SNP	myth. slender stem. Slender, rough mottled	7-18	(106)	39
654	B5818A15.17.3.1.3 Hv8.27 (8607)	myth. healthy G.R. or bigger	7-15	(103)	39
655	B5818A15.20.2.2 Hv8.27 (8609)	myth. G.R. or bigger Some chalky	7-18	(106)	35
656	PI. 215,936 Hv9.9 (635)	Sgx.	8-1	(120)	32
657	B5818A15.51.3.2.1 Hv8.27 (8617) chalky	myth. larger than Sulphur	7-20	(108)	38
658	B5818A15.77.DK.1.1, Hv8.17 (8633) V SNP also Shallower than G.R.	myth. small gr. G.R. clear, good looking	7-24	(112)	34
659	B5818A15.89.3.3.3.1 Hv8.27 (8643) SNP	myth. G.R. type. clear	7-29	(118)	35
660	B5818A15.89.3.4.3.1 Hv8.27 (8646) SNP	myth. larger than Hater clear	7-29	(118)	37

YIELD DATA

LODG- ING	$\frac{I}{A}$	GMS. PER ROW	ACRE YIELD		
			LBS.	BL.	
	$\frac{24.0}{L}$	1137	4548	28.1	M
% HEAD 57.9	% TOTAL 70.6				
	$\frac{22.0}{L}$	1213	4852	30.0	M
65.0	71.4				
	$\frac{36.5}{L}$	1090	4360	26.9	M
68.0	72.0				
	$\frac{28.5}{L}$	998	3992	24.6	S
68.0	72.0				
	$\frac{27.5}{L}$	1249	4996	30.8	M
65.2	69.2				
	$\frac{23.0}{L}$	1239	4956	30.6	M
69.6	70.5				
	$\frac{22.0}{L}$	988	3952	24.4	M
66.5	68.8				
	$\frac{34.0}{L}$	1042	4168	25.7	M
68.6	69.6				

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
661	B5818A15.101.2.2.3.1 G.R. X PI. 215936 Hv P. 27 (8653)	7-24	(112)	33
		myt. smooth.	ridged milled grain.	
662	B5818A15.77.BK.1 Hv P. 27 (575)	7-24	(112)	35
		smooth. myt.	Small gr. scratch.	Nota Type
663	B593A10.11.3.3 B.P. X [(CP. 231/3 X BBT)2] X PI. 215936 (501) Belle P. sign	7-13	(101)	38
		Straw hull lgt.	Narrow luf	
664	B593A11.7.2.3 (508) same charl	7-10	(98)	34
		Hull hull lgt.	V. shd. luf. Narrow luf.	
665	B596A4-22.3.3, BBT. 50/3 X G.R. Hv 9-16 (753)	8-10	(129)	46
		poor shape milled rice		
666	B6113A 2.8.1.BK BBT. 50/4 X G.R. Hv 9-16 (5315)	8-15	(134)	49
667	B6113A 2.8.2.BK Hv 9-16 (5335)	8-15	(134)	49
668	B6113A 2. ^{25.1} .0.0.BK Hv 9-16 (5375)	8-15	(134)	50

Non-666-720. all are Old types with v. slight difference in milled gr. shape & size.

YIELD DATA

LODGING		$\frac{I}{A}$	GMS. PER ROW	ACRE	YIELD	
				LBS.	BL.	
		$\frac{31.5}{L}$	938	3752	23.2	M
	% HEAD	% TOTAL				
	63.9	69.0				
		$\frac{26.5}{L}$	1056	4224	26.1	M
	67.2	69.5				
		$\frac{11.5}{I}$	838	3352	20.7	L
	61.4	69.2				
		$\frac{19.0}{I}$	864	3456	21.3	L
	58.4	69.0				
Shorter mill/g. than	663	$\frac{33.5}{I}$	861	3444	21.3	L
	61.9	69.0				
		$\frac{20.5}{I}$	990	3960	24.4	L
	61.4	69.3				
		$\frac{21.0}{I}$	790	3160	19.5	L
	62.3	69.8				
		$\frac{20.0}{I}$	947	3788	23.4	L
	63.2	68.8				

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
669	B6113A2.25.2. BK BBF-50/4 X G.R. Hc 9-16 (5396)	8-15	(134)	50
670	B6113A2.25.3. BK Hc 9-16 (5417)	8-15		50
671	B6113A2.25.4. BK Hc 9-16 (5438)	8-15		49
672	B6113A2.25.5. BK Hc 9-16 (5459)	8-15		49
673	B6113A2.25.6. BK Hc 9-16 (5481)	8-15		49
674	B6113A2.70.1. BK Hc 9-16 (5502)	8-15		50
675	B6113A2.70.2. BK Hc 9-16 (5523)	8-15		50
676	B6113A2.70.3. BK Hc 9-16 (5544)	8-15	✓	50

YIELD DATA

LODG- ING	$\frac{I}{A}$	GMS. PER ROW	ACRE YIELD	
			LBS.	BL.
	$\frac{20.0}{I}$	925	3700	22.8
				822
% HEAD	% TOTAL			
59.7	69.0			
	$\frac{21.0}{I}$	986	3944	24.3
				870
58.6	68.6			
	$\frac{19.0}{I}$	955	3820	23.6
				850
59.4	68.0			
	$\frac{22.0}{I}$	996	3984	24.6
				850
60.0	68.2			
	$\frac{21.0}{I}$	984	3936	24.3
				850
60.1	68.8			
	$\frac{20.5}{I}$	1007	4028	24.9
				850
60.0	68.0			
	$\frac{19.0}{I}$	982	3928	24.2
				850
61.2	68.8			
	$\frac{20.0}{I}$	991	3964	24.5
				850
61.6	69.2			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
677	BLUEBONNET- 50 CI. 8990 H09-16 (44)	8-15	(1324)	48
678	B6113A2.70.4.BK BBT-5.1/4 X G.A. H09-16 5565	8-15		50
679	B6113A2.72.1.BK H09-16 (5586)	8-15		49
680	B6113A2.72.2.BK H09-16 (5605)	8-15		50
681	B6113A2.72.3.BK H09-16 (5626)	8-15		50
682	B6113A2.72.4.BK H09-16 (5647)	8-15		49
683	B6113A2.72.5.BK H09-16 (5669)	8-15		51
684	B6113A2.72.6.BK H09-16 (5691)	8-15	✓	51

YIELD DATA

LODG- ING		$\frac{I}{A}$	GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
		$\frac{19.5}{I}$	998	3992	24.6
	$\frac{\% \text{HEAD}}{62.5}$	$\frac{\% \text{TOTAL}}{69.5}$			
		$\frac{18.0}{I}$	1075	4300	26.5
	61.8	69.5			
		$\frac{16.5}{I}$	1003	4012	24.8
	58.4	68.1			
		$\frac{18.0}{I}$	908	3632	22.4
	59.3	67.6			
		$\frac{16.0}{H-I}$	947	3788	23.4
	59.4	69.2			
		$\frac{17.5}{H-I}$	984	3936	24.3
	60.6	69.4			
		$\frac{19.0}{I}$	943	3772	23.3
	60.2	68.9			
		$\frac{19.0}{I}$	1012	4048	25.0
	59.4	68.6			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
685	B6113A2.73.1.BK BBT. 50/4 X G. A. Hv 9-16 (5711)	8-15	(13X)	50
686	B6113A2.73.2.BK Hv 9-16 (5733)	8-15		50
687	B6113A2.73.3.BK Hv 9-16 (5754)	8-15		51
688	B6113A2.73.4.BK Hv 9-16 (5777)	8-15		49
689	B6113A2.73.5.BK Hv 9-16 (5798)	8-15		49
690	B6113A2.73.6.BK Hv 9-16 (5823)	8-15		48
691	B6113A2.8.3.BK Hv 9-16 (5355)	8-15		50
692	B6113A2.8.2.BK Hv 9-16 (5867)	8-15	✓	50

YIELD DATA

LODG- ING		$\frac{I}{A}$	GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
		$\frac{17.5}{I}$	989	3956	24.4
	$\frac{\% \text{ HEAD}}{62.4}$	$\frac{\% \text{ TOTAL}}{69.8}$			
		$\frac{18.5}{I}$	1045	4180	25.8
	62.3	69.6			
		$\frac{17.5}{I}$	1105	4420	27.3
	61.4	69.7			
		$\frac{18.0}{I}$	942	3768	23.3
	60.5	69.6			
		$\frac{18.5}{I}$	915	3660	22.6
	63.0	70.4			
		$\frac{17.0}{I}$	1000	4000	24.7
	63.3	70.4			
		$\frac{20.0}{I}$	982	3928	24.2
	60.8	68.6			
		$\frac{19.5}{I}$	1003	4012	24.8
	58.4	68.0			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
693	BG113A2. P1.3. BK BPT-50/4 X G.R. Hv 9-16 (5888)	8-15	(134)	51
694	BG113A2. P1.4. BK Hv 9-16 (5909)	8-15		51
695	BG113A2. P1.5. BK Hv 9-16 (5930)	8-15		51
696	BG113A2. P1.6. BK Hv 9-16 (5950)	8-15		51
697	BG113A2. P2.1. BK Hv 9-16 (5971)	8-15		48
698	BLUEBONNET-50 CI. 8990 Hv 9-16 (44)	8-15		47
699	BG113A2. P2.2. BK Hv 9-16 (5992)	8-15		50
700	BG113A2. P2.3. BK Hv 9-16 (6013)	8-15	✓	50

YIELD DATA

LODG- ING		$\frac{I}{A}$	GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
		$\frac{18.0}{I}$	993	3972	24.5
	$\frac{\%HEAD}{57.6}$	$\frac{\%TOTAL}{67.2}$			
		$\frac{24.0}{I}$	889	3556	22.0
	58.3	68.1			
		$\frac{20.0}{I}$	981	3924	24.2
	56.8	67.4			
		$\frac{20.5}{I}$	881	3524	21.8
	58.6	68.6			
		$\frac{16.5}{I}$	967	3868	23.9
	60.8	69.7			
		$\frac{18.0}{I}$	1037	4148	25.6
	60.1	67.8			
		$\frac{17.0}{I}$	1007	4028	24.9
	61.2	69.4			
		$\frac{19.0}{I}$	942	3768	23.3
	60.6	69.6			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
701	B6113A2.82.4.BK BBT-50/4 X G.R. Hv 9-16 (6034)	8-15	(134)	48
702	B6113A2.82.6.BK Hv 9-16 (6077)	8-15		49
703	B6113A2.88.1.BK Hv 9-16 (6098)	8-15		50
704	B6113A2.88.2.BK Hv 9-16 (6121)	8-15		49
705	B6113A2.88.3.BK Hv 9-16 (6144)	8-15		49
706	B6113A2.88.4.BK Hv 9-16 (6166)	8-15		48
707	B6113A2.88.5.BK Hv 9-16 (6192)	8-15		50
708	B6113A2.88.6.BK Hv 9-16 (6215)	8-15		49

YIELD DATA

LODG- ING		$\frac{I}{A}$	GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
		$\frac{16.0}{I}$	925	3700	22.8
	% HEAD 61.9	% TOTAL 69.8			
		$\frac{16.5}{I}$	973	3892	24.0
	60.0	68.6			
		$\frac{16.5}{I}$	1038	4152	25.6
	61.3	69.2			
		$\frac{16.5}{I}$	823	3292	20.3
	60.4	69.4			
		$\frac{15.0}{I}$	1033	4132	25.5
	60.4	68.9			
		$\frac{16.0}{I}$	1026	4104	25.3
	61.6	69.0			
		$\frac{12.0}{I}$	905	3620	22.3
	60.7	68.5			
		$\frac{16.0}{I}$	921	3684	22.7
	59.4	68.6			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
709	B6113A2.90.1.BK BBT-50 X G.A. H ₀ 9-16 (6242)	8-15	(134)	50
710	B6113A2.90.2.BK H ₀ 9-16 (6267)	8-15		50
711	B6113A2.90.3.BK H ₀ 9-16 (6291)	8-15		50
712	B6113A2.90.4.BK H ₀ 9-16 (6315)	8-15		50
713	B6113A2.90.5.BK H ₀ 9-16 (6338)	8-15		52
714	B6113A2.13.1.BK H ₀ 9-16 (6362)	8-15		52
715	B6113A2.33.1.BK H ₀ 9-16 (6393)	8-15		52
716	B6113A2.44.1.BK H ₀ 9-16 (6425)	8-15	✓	50

YIELD DATA

LODGING		$\frac{I}{A}$	GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
		$\frac{12.0}{I}$	980	3920	24.2
	% HEAD 59.0	% TOTAL 68.5			
		$\frac{19.0}{I}$	955	3820	23.6
	61.4	68.2			
		$\frac{18.0}{I}$	969	3876	23.9
	60.0	68.8			
		$\frac{17.5}{I}$	909	3636	22.4
	59.2	68.0			
		$\frac{18.0}{I}$	904	3916	24.2
	52.8	67.3			
		$\frac{17.0}{I}$	932	3728	23.0
	59.6	68.1			
		$\frac{20.0}{I}$	830	3320	20.5
	58.9	68.0			
		$\frac{18.0}{I}$	922	3688	22.8
	61.6	68.4			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
717	B6113A2.49.1.BK BBT-50/4 X G.R. H. 9-16 (6456)	8-13	(134)	48
718	B6113A2.50.1.BK H. 9-16 (6489)	8-15	(134)	52
719	B6113A2.75.1.BK H. 9-16 (6522)	8-15	(134)	51
720	B6113A2.78.1.BK H. 9-16 (6547)	8-15	(134)	53
721	GULF ROSE CI. 9416 H. 8-27 (306)	7-20	(108)	41
722	CI. 9402 Sel. Nat. Cross (9146)	8-6	(125) lyl. gold Blt. length - chunky	44
723	CI. 9402 SEL. Nat. cross (980)	8-7	(126) lyl. gold. Blt on shorter, chunky	44
724	CI. 9402 SEL. Nat. cross H. 9-9 (849)	8-9	(128) lyl. straw Blt length. little chunk, and with off.	46

YIELD DATA

LODGING		$\frac{I}{A}$	GMS. PER ROW	ACRE	YIELD	
				LBS.	BL.	
		$\frac{11.5}{I}$	933	3732	23.0	
	%HEAD 61.5	%TOTAL 69.7				
		$\frac{17.5}{I}$	881	3524	21.8	
	60.8	69.6				
		$\frac{17.0}{I}$	858	3432	21.2	
	60.0	68.7				
		$\frac{17.5}{I}$	803	3212	19.8	
	60.1	69.9				
		$\frac{21.5}{L}$	1189	4256	29.4	
	69.3	71.2				
		$\frac{11.5}{I}$	1089	4356	26.9	L
	47.8	71.2				
		$\frac{10.0}{I}$	1079	4316	26.6	L
	48.8	68.6				
		$\frac{9.0}{I}$	949	3796	23.4	L
	49.9	67.3				

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
725	X-157-3-4, X, RBT-50 Hv 9-9 (778)	8-13	(132) chunky	49
726	P74-13T-2T-1P, [(RBT-50 X (P-23)) X 250-2-2] X (250 X MAG) Hv 9-9 (8423)	8-2	(121)	50
727	P115-2P-2P-6P, RBT-50 X P105 Hv 9-3 (8446)	7-30	lg. broad leaf. lgd. gold. longer than Bt. milled air. Four shape (118) lgd., straw chunky Bt. type	46
728	P122-3P-6P-3P, [(CI-9122 X BBT-50) X 250-2-2] X (250 X MAG) Hv 9-9 (8457)	8-10	(129) lgd. gr. as large or larger than Bt.	43
729	P122-2T-2T-5P, Hv 9-9 (8464)	8-13	(132) lgd., straw shorter & broader than Bt. milled very shape & size. clear.	43
730	NATO CI. 8998 Hv 8-27 (Fd.)	7-26	(114)	48
731	(R-D X SADI) X LAC. C 253 Hv 8-27 (900)	7-29	(117) lgd. very length milled air clear.	45
732	✓ Hv 8-27 (901)	7-29	(117) lgd. J.B.P. type. Maybe further gr.	40

YIELD DATA

LODG- ING	I/A	GMS. PER ROW	ACRE YIELD	
			LBS.	BL.
	$\frac{11.5}{I}$	948	3792	23.4
70 HEAD 56.0	$\frac{2}{2} \text{ TOTAL}$ 68.8			
	$\frac{32.0}{L}$	919	3676	22.7
50.3	67.9			
	$\frac{12.5}{I}$	963	3852	23.8
59.4	68.7			
	$\frac{42.5}{L}$	1015	4060	25.1
58.5	66.3			
	$\frac{28.0}{L}$	930	3720	23.0
59.8	67.9			
	$\frac{46.5}{L}$	1317	5268	32.5
68.2	71.5			
	$\frac{33.5}{H}$	953	3812	23.5
65.7	69.4			
	$\frac{49.0}{H}$	922	3688	22.8
63.8	68.0			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
733	RD-Sadri x Lac 253	7-29		45
<u>SNP</u>	Hv 9-3 (902)	lyt.	(117) clear and milk's off.	1300 gms
734	"	8-2		42
	Hv 9-3 (903)	lyt.	(121)	
735	"	7-27		42
	Hv 9-3 (904)	lyt. smooth	(115) Shade color	
736	Nato x 250 Mag	7-15		41
<u>SNP</u>	Hv 8-27 (905)		(103) mgt. smooth Hb or bigger	cherry
737	"	7-18		41
	Hv 8-27 (906)		(106) mgt. smooth fuller fr. than 736.	
738	250-2-2 x 250 Mag	8-2		43
	(907)	Mgt.	(121) ly. broad leaf. Much like back of broad leaves.	
739	Rex x Lac	7-27		43
	Hv 9-3 (908)		(115) mgt. smooth.	
740	322Ab-23 x Lac	8-3		47
	Hv 9-3 (909)		(122) mgt. much fr. color.	

YIELD DATA

LODG- ING		$\frac{I}{A}$	GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
		$\frac{48.5}{H}$	1155	4620	28.5 L
	% HEAD	% TOTAL			
	64.7	68.0			
		$\frac{61.0}{H-I}$	950	3800	23.5 L
	59.2	66.3			
		$\frac{48.5}{H}$	1017	4068	25.1 L
	64.8	68.2			
		$\frac{55.5}{L}$	1122	4488	27.7 M
	69.4	72.5			
		$\frac{35.0}{L}$	915	3660	22.6 M
	69.0	72.0			
		$\frac{55.0}{L}$	949	3796	23.4 M
	65.7	70.4			
		$\frac{34.0}{L}$	1073	4292	26.5 M
	67.0	70.4			
		$\frac{29.0}{I-L}$	976	3904	24.1 M
	60.2	68.1			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
741	RZ1512 x Lac	7-27	(115)	45
	Hv 9-3 (910)	lyt. smooth Straw color looks good.		Belle P. type
742	"	7-20	(108)	45
	Hv 8-27 (911)	sl. rough	rough	
743	Lacrosse	8-1	(120)	47
	Hv 9-3 (912)	sl. rough,	rough.	
744		7-30	(118)	43
	Hv 8-27 (913)	Straw lyt. Belle P. type		
745		7-30	(118)	44
	Hv 9-3 (914)	Straw lyt. Bluebell type		
746		7-30	(118)	44
	Hv 9-3 (915)	Straw, lyt.		
747		8-6	(125)	47
	Hv 9-9 (916)	Gold lyt. Belle P. or shorter with 4 in.		
748		8-6	(125)	47
	Hv 9-16 (917)	Gold lyt. tapered somewhat		

YIELD DATA

LODGING	$\frac{t}{A}$	GMS. PER ROW	ACRE YIELD		
			LBS.	BL.	
	$\frac{31.0}{L}$	1002	4008	24.7	L
% HEAD 46.6	% TOTAL 65.6				
	$\frac{34.0}{L}$	807	3228	19.9	M
59.1	66.2				
	$\frac{50.5}{L}$	557	2228	13.8	M
53.7	63.6				
	$\frac{15.0}{I}$	841	3364	20.8	L
57.6	67.4				
	$\frac{11.5}{I}$	902	3608	22.3	L
59.1	70.1				
	$\frac{11.0}{I-L}$	774	3096	19.1	L
59.9	69.6				
	$\frac{10.0}{I}$	1263	5052	31.2	L
56.0	67.4				
	$\frac{8.5}{I}$	1139	4556	28.1	L
45.8	67.6				

			Date		Plant hgt. (in.)
			1st Head	Full Ripe	
749	Hv 9-9 (918)		8-6	(125) old, lgt. V. slender Bell P. type	46
750	Hv 9-9 (919)		8-10	(129) thinner, lgt. more erect fl. Few early type, Slender, lgt.	46
751	Hv 9-16 (920)		8-13	(132) lgt. avend. All type milled	49
752	P.I. 215936 x Nato Hv 9-9 (921)		8-2	(131) Erect, non. at mat. mgt. note type	34
753	" Hv 9-9 (922)		7-51	(119) Bon. drup slightly mgt. stand alone H.R. lgt.	41
754	" Hv 9-9 (923)		8-2	(121) mgt. stem. Sig. pr. sp. chaulky	38
755	" Hv 9-3 (924)	SNP	7-27	(115) Bell mgt. smooth chaulky	41
756	" Hv 9-3 (925)		7-28	(116) Bell, mgt. erect fl. chaulky smooth	41

YIELD DATA

LODG- ING	I A	GMS. PER ROW	ACRE		YIELD	
			LBS.		LB.	
	$\frac{6.5}{I}$	1177	4708	29.0		L
% HEAD 49.0	% TOTAL 65.6					
	$\frac{53.5}{H}$	961	3844	23.7		L
60.0	67.1					
	$\frac{18.0}{I}$	1031	4124	25.5		L
60.2	68.8					
	$\frac{54.0}{L}$	995	3980	24.6		M
63.1	71.5					
	$\frac{38.5}{L}$	1231	4924	30.4		M
58.4	69.4					
	$\frac{35.5}{L}$	1054	4216	25.5		M
55.2	69.0					
	$\frac{44.0}{L}$	1384	5536	34.2		M
60.5	72.0					
	$\frac{32.0}{L}$	1192	4788	29.6		M
55.8	70.5					

			Date		Plant hgt. (in.)
			1st Head	Full Ripe	
757	P.I. 215936 x Nato		7-28	(116)	40
<u>SNP</u>	Hv9-9 (926)	Bold mgt. smooth, pr. color. chaffy			
758	"		7-27	(115)	38
	Hv9-9 (927)	Bold mgt. smooth			
759	"		7-29	(117)	39
	Hv9-9 (928)	Bold mgt. smooth, pr. color. chaffy			
760	"		8-1	(120)	46
	Hv9-9 (929)	Much pr. color, mgt. chaffy			
761	"		7-29	(117)	44
	Hv9-9 (930)	Much pr. color mgt.			
762	"		8-1	(120)	36
	Hv9-9 (931)	smooth, straw color. mgt.			
763	"		7-31	(119)	37
	Hv9-9 (932)	Sg. smooth & rough Mgt & sgt. Sg. a mix.			
764	"		7-31	(119)	39
	Hv9-9 (933)	sgt. much pr. color chaffy			

YIELD DATA

LODG- ING		$\frac{T}{A}$	GMS. PER ROW	ACRE	YIELD
				LBS.	B.
		$\frac{44.6}{L}$	1419	5676	35.0
	% HEAD	% TOTAL			
	47.8	72.0			
		$\frac{50.0}{L}$	1201	4804	29.7
	37.4	69.8			
		$\frac{36.5}{L}$	1202	4808	29.7
	52.8	72.0			
		$\frac{28.5}{L}$	1116	4464	27.6
	62.7	68.8			
		$\frac{32.5}{L}$	964	3856	23.8
	54.4	69.6			
		$\frac{41.5}{L}$	822	3288	20.3
	47.9	67.2			
		$\frac{35.5}{L}$	990	3960	24.4
	53.2	71.3			
		$\frac{28.5}{L}$	1147	4588	28.3
	64.0	71.3			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
765	PI. 215936 x Nato H-9-16 (934)	8-13	(132)	40
766	" H-9-9 (935)	Straw color myth. 7-29	sgt. pr. epic type. (117)	41
767	" H-9-9 (936)	sgt. pr. epic v. 8-2	chubby (121)	43
768	" H-9-9 (937)	sgt. pr. epic 8-2	Nato type (121)	44
769	" H-9-9 (938)	sgt. 8-31	chubby (119)	42
770	" H-9-16 (939)	sgt. 8-2	chubby (121)	45
771	" H-9-9 (940)	sgt. 8-1	v. full, chubby (120)	43
772	NATO cf. 8998 AA-3 FQ.	7-26	(114)	46

YIELD DATA

LODG. ING	$\frac{T}{A}$	GMS. PER ROW	ACRE YIELD	
			LBS.	BL.
	$\frac{32.5}{L}$	1088	4352	26.9
% HEAD 65.7	% TOTAL 72.8			
	$\frac{27.5}{L}$	1336	5344	33.0
59.6	71.9			
	$\frac{32.0}{L}$	872	3488	21.5
43.9	69.5			
	$\frac{31.5}{L}$	1111	4444	27.4
58.2	68.1			
	$\frac{26.0}{L}$	905	3920	24.2
57.6	69.1			
	$\frac{24.5}{L}$	1070	4280	26.4
53.3	67.3			
	$\frac{30.0}{L}$	1104	4416	27.3
58.6	71.7			
	$\frac{54.5}{L}$	1176	4704	29.0
71.3	72.7			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
773	P.I. 215936 x Nato Hv 9-9 (941)	8-6	(125) chaudhy	42
774	" Hv 9-9 (942)	8-1	(120) Syz. or mix. color & sig.	41
775	" Hv 9-9 (943)	8-8	(127) Syz. fr. apic. myt. broader than Nato Nato length. char	41
776	" Hv 9-9 (944)	8-8	(127) Syz. fr. apic. & gr. sig. as 775	42
777	" Hv 9-9 (945)	8-6	(125) Syz. apic. color & sig. gr. as 775	43
778	" Hv 9-3 (946)	7-29	(117) Syz. rough & smooth. <u>chaudhy</u>	38
779	" Hv 9-3 (947)	7-27	(115) Bold, myt. <u>chaudhy</u>	41
780	" Hv 9-3 (948)	7-27	(115) Syz. <u>chaudhy</u>	39

YIELD DATA

LODGING	$\frac{F}{A}$	GMS. PER ROW	ACRE YIELD	
			LES.	BL.
	$\frac{37.0}{L}$	1245	4980	30.7
% HEAD 63.3	% TOTAL 71.8			
	$\frac{38.0}{L}$	1003	4012	24.8
69.8	72.0			
	$\frac{42.5}{L}$	891	3564	22.0
64.6	72.4			
	$\frac{51.0}{L}$	1138	4552	28.1
55.3	72.6			
	$\frac{48.0}{L}$	1073	4292	26.5
62.2	72.7			
	$\frac{28.0}{L}$	1138	4552	28.1
58.6	73.3			
	$\frac{32.5}{L}$	1196	4784	29.5
56.8	72.2			
	$\frac{28.5}{L}$	1230	4920	30.4
64.0	71.2			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
781	P.I. 215936 x Nato Hv 9-3 (949)	7-29	(117) Nato type	40
782	" Hv 9-3 (950)	7-29	(117) almost a Sgt. midly	40
783	" Hv 9-3 (951)	7-24	(112) Sgt. irreg. size	39
784	" Hv 9-3 (952)	7-28	(116) Mgt. bold chaubly	43
785	Bdt. 50 x P.I. 215936 Hv 9-3 (953)	7-29	(117) chaubly	40
786	BLUEBONNET-50 C.T. 8990 Hv 9-16 (44)	8-14	(133) clear	48
787	Bdt. 50 x P.I. 215936 Hv 9-3 (954)	8-3	(122) smooth chaubly	41
788	" Hv 9-3 (955)	8-2	(121) sy. size chaubly	39

YIELD DATA

LODG- ING		$\frac{I}{A}$	GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
		$\frac{32.5}{L}$	1250	5000	30.9
	% HEAD 61.8	% TOTAL 72.8			
		$\frac{30.0}{L}$	1299	5196	32.1
	63.0	72.2			
		$\frac{40.0}{L}$	1042	4168	25.7
	41.7	71.1			
		$\frac{28.5}{L}$	1396	5584	34.5
	35.6	71.4			
		$\frac{6.0}{L}$	1071	4284	26.4
	51.7	73.6			
		$\frac{21.0}{I \infty}$	980	3920	24.2
	61.5	68.6			
		$\frac{10.0}{I-L}$	1194	4776	29.5
	65.5	71.9			
		$\frac{7.5}{I-L}$	1144	4576	28.2
	56.6	70.3			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
789	Bst. 50 x P.I. 215936 Hv 9-3 (956)	f-2	(21) much hull splitting chaubly	42
790	" Hv 9-3 (957)	f-2	(121) chaubly	42
791	" Hv 9-3 (958)	f-1	(120) some chaub G.R. length	38
792	" Hv 9-3 (959)	f-3	(122) chaubly	42
793	Mo. R500 x NATO Hv 8-27 (960)	7-23	(111) clean, Nato type	46
794	" Hv 8-27 (961)	7-24	(112) chaubly, irreg. shape	45
795	" Hv 8-27 (962)	7-24	(112) chaubly	47
796	RD-Sabri x Lac 253 Hv 8-27 (963)	7-27	(115) irreg. length Bull R on bottom	49

YIELD DATA

LODGING		$\frac{I}{A}$	GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
		$\frac{10.0}{L}$	1236	4944	30.5
	%HEAD 61.3	%TOTAL 72.6			
		$\frac{9.5}{L}$	1221	4884	30.1
	66.1	72.0			
		$\frac{10.0}{I-L}$	933	3732	23.0
	64.2	70.7			
		$\frac{8.5}{L}$	1142	4568	28.2
	66.4	71.4			
		$\frac{52.5}{L}$	921	3684	22.7
	70.5	72.1			
		$\frac{36.5}{L}$	972	3888	24.0
Very difficult to thresh!	62.6	66.7			
		$\frac{59.0}{L}$	1002	4008	24.7
	61.0	69.4			
		$\frac{54.5}{H}$	921	3684	22.7
	64.1	67.2			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
797	RD-Sabri x Lac 253 Hv 9-3 (964)	7-31 lyt. very severe callosities on ribs.	(119)	49
798	" Hv 8-27 (965)	7-29 lyt.	(112) Retic. P. on ligula	43
799	" Hv 8-27 (966)	7-29 lyt.	(117) Retic. P. or smaller	41
800	" Hv 8-27 (967)	7-30 lyt.	(118) as 799	41
801	" Hv 8-27 (968)	7-26 lyt.	(114)	41
802	" Hv 9-3 (969)	7-30 lyt.	(118) short midrib.	37
803	" Hv 8-27 (970)	7-27 lyt.	(115)	39
804	" Hv 8-27 (971)	7-23 lyt.	(111)	41

YIELD DATA

LODG- ING	$\frac{t}{A}$	GMS. PER ROW	ACRE YIELD	
			LBS.	BL.
	$\frac{38.5}{H}$	884	3536	21.8
% HEAD	% TOTAL			
59.2	66.5			
	$\frac{43.0}{H}$	806	3224	19.9
67.3	69.6			
	$\frac{76.0}{H}$	1016	4064	25.1
65.0	68.2			
	$\frac{68.0}{H}$	973	3892	24.0
63.5	67.9			
	$\frac{71.5}{H}$	1102	4408	27.2
64.6	68.9			
	$\frac{60.0}{H}$	988	3952	24.4
67.0	69.6			
	$\frac{66.0}{H}$	1008	4032	24.9
60.9	68.7			
	$\frac{76.5}{H}$	1023	4092	25.3
66.5	69.0			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
805	RD-Sadri x Lac253	7-29	(117)	36
	Nov 8-27 (972)	lyt.		
806	"	7-30	(118)	38
	Nov 9-3 (973)	lyt.		
807	"	7-30	(118)	36
SNP	Nov 9-3 (974)	lyt.		
808	"	7-30	(118)	37
	Nov 9-3 (975)	lyt.		
809	"	7-27	(115)	40
	Nov 8-27 (976)	lyt.		
810	"	7-27	(115)	44
	Nov 8-27 (977)	lyt.		
811	"	7-27	(115)	46
	Nov 8-27 (978)	lyt.		
812	"	7-26	(114)	48
	Nov 9-3 (979)	lyt.		

YIELD DATA

LODG- ING		$\frac{T}{H}$	GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
		$\frac{70.0}{H}$	969	3876	23.9
	% HEAD	% TOTAL			
	62.4	67.3			
		$\frac{66.0}{H}$	964	3856	23.8
	64.9	68.3			
		$\frac{67.5}{H}$	977	3908	24.1
	64.6	68.8			
		$\frac{66.5}{H}$	1020	4080	25.2
	63.9	68.7			
		$\frac{63.0}{H}$	1102	4408	27.2
	62.6	68.6			
		$\frac{68.0}{H}$	1012	4048	25.0
	57.0	64.8			
		$\frac{50.5}{H}$	1236	4944	30.5
	60.1	67.4			
		$\frac{57.0}{H}$	1202	4804	29.7
	64.8	68.0			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
813	RD-Sadri x Lac 253	7-26		45
	Hu 9-3 (980)	lgt.	(114)	
814	"	7-31		47
	Hu 9-3 (981)	lgt.	(119)	
815	"	7-31		45
	Hu 9-3 (982)	lgt.	(119)	
816	"	7-30		43
<u>SNP</u>	Hu 9-3 (983)	lgt.	(118)	
817	Nato x 250 M	7-27		44
<u>SNP</u>	Hu 9-3 (984)	myl.	(115) Nato type	
818	Rex x Lac	8-2		41
<u>SNP</u>	Hu 9-3 (985)	myl. shrub-like	(121) than Nato.	
819	"	8-2		43
<u>SNP</u>	Hu 9-3 (986)	myl. Nato type	(121)	
820	"	8-2		45
	Hu 9-3 (987)	lgt.	(121)	

YIELD DATA

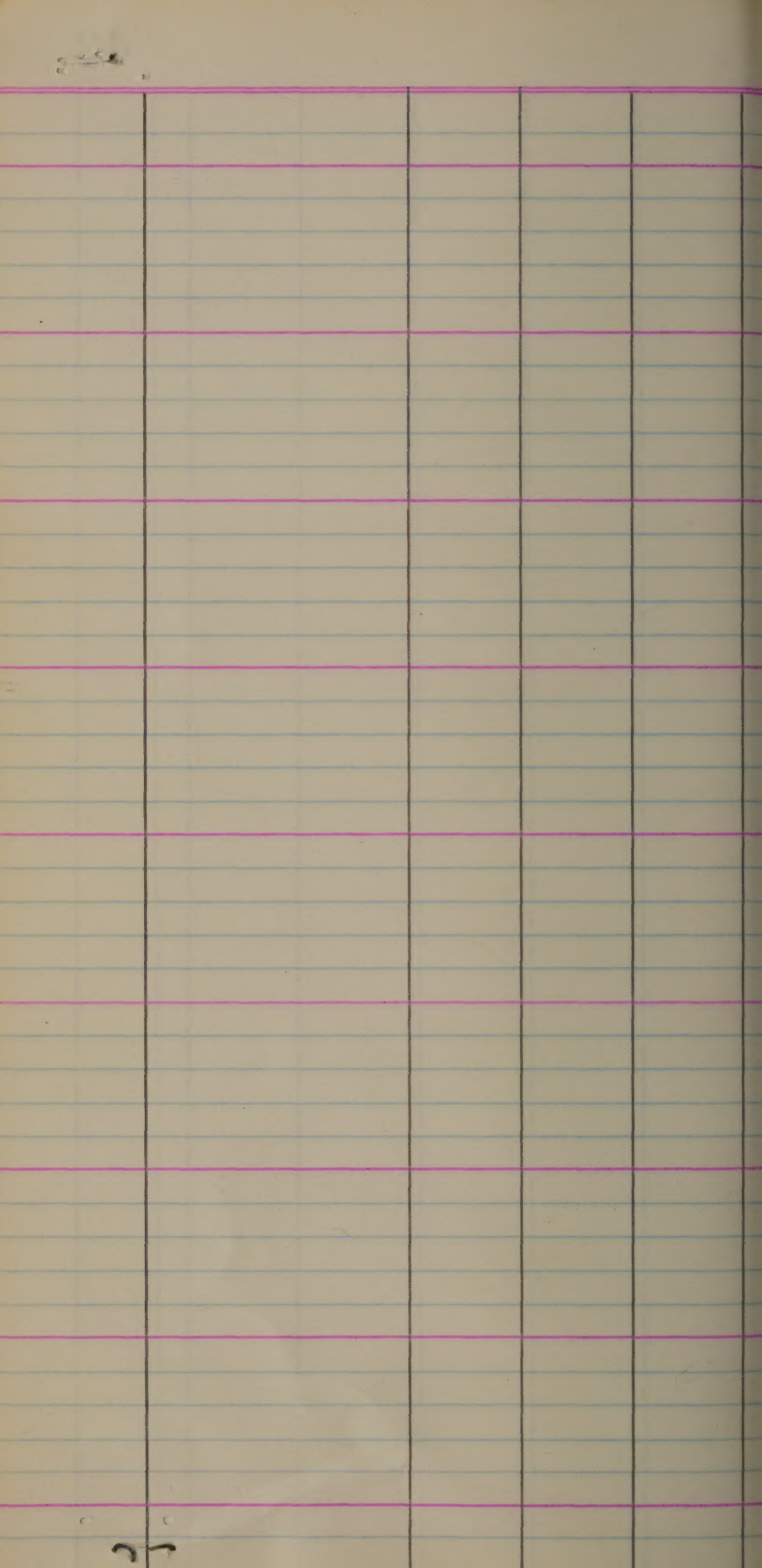
LODG- ING	$\frac{T}{A}$	GMS. PER ROW	ACRE YIELD	
			LBS.	B.
	$\frac{55.5}{H}$	1084	4336	26.8
% HEAD	% TOTAL			
60.7	66.4			
	$\frac{63.5}{H}$	1084	4336	26.8
64.7	68.1			
	$\frac{55.5}{H}$	1024	4098	25.3
60.0	67.0			
	$\frac{57.0}{H-I}$	1053	4212	26.0
62.7	68.0			
	$\frac{44.5}{L}$	1268	5072	31.3 M
70.3	72.2			
	$\frac{49.0}{L}$	1020	4080	25.2 M
69.6	71.3			
	$\frac{48.5 \text{ Purple}}{L}$	1018	4072	25.1 M
69.6	71.9			
	$\frac{11.0}{I-L}$	1141	4564	28.2 L
52.1	70.4			

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
821	322A6-23 x Lac Hv 9-3 (988)	8-2	(121)	44
822	NATO CI, 8998 Hv 9-30 Fd.	7-27	(115)	48
823	322A623 x Lac Hv 9-3 (989)	8-2	(121)	45
824	322A6-23 x Lac. Hv 9-3 (990)	8-2	(121)	44

YIELD DATA

LODG- ING		$\frac{I}{A}$	GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
		$\frac{28.0}{I-L}$	1057	4228	26.1
	% HEAD 65.0	% TOTAL 69.7			
		$\frac{53.0}{L}$	1275	5100	31.5
	69.6	71.5			
		$\frac{18.5}{I}$	1068	4272	26.4
	64.1	70.4			
		$\frac{27.0}{I}$	1105	4420	27.3
	60.7	69.4			

Mean Yield of all harvested plots = 4107 lbs/A
(25.4 bbls.)



VARIETY-FERTILIZER STUDY

S3; 7E SOWN: 5-25		SEEDING ORDER	Date	
			1st Head	Full Ripe
1101	B575A1-21-1-7-2 CT.924 X (CP-231 X CT.9122) Hv. 9-3 (102)	125 410 80#N	8-5 8-4 8-5	(103)
1102	B575A1-21-1-7-2 ✓ Hv. 9-9 (102)	228 313 160#N	8-10 8-10 8-10	V. heavy veg. growth. (108)
1103	STg 61D 2515 NORTHROSE X Z. Hv. 9-9 (301)	221 414 80#N	8-11 8-10 8-11	(109)
1104	STg 61D 2515 ✓ Hv. 9-16 (301)	106 308 160#N	8-12 8-14 8-13	(111)
1105	B5813A8-3-3 PI. 215936 X LAC. Hv. 9-16 (304)	214 411 80#N	8-10 8-10 8-10	(108)
1106	B5813A8-3-3 ✓ Hv. 9-16 (304)	104 302 160#N	8-10 8-11 8-11	(109)
1107	B5813A12-4-1-3 PI. 215936 X LAC. Hv. 9-16 (309)	225 304 80#N	8-11 8-10 8-11	(109)
1108	B5813A12-4-1-3 ✓ Hv. 9-16 (309)	107 426 160#N	8-14 8-13 8-14	(112)

28 VAR. (80% CON)
 2 FERT. EACH TREATMENT

YIELD IN GRAMS 2 REPS X 2 = 48/A.

44

PLANT HT. (IN.)	LODGING	YIELD DATA	
		GMS. PER ROW	ACRE YIELD
		LEBS.	BL.
44	weak	762	
45		1042	
45		1804	3608 22.3
49	weak	957	
50		1055	
50		2012	4024 24.8
43		901	
42		1044	
43		1945	3890 24.0
48		871	
49		808	
49		1679	3358 20.7
43		1163	
45		1265	
44		2428	4856 30.0
49		1307	
48		1373	
49		2680	5360 33.1
43	weak	881	
43		1230	
43		2111	4222 26.1
46		1022	
47		1040	
48		2062	4124 25.5

VARIETY * FERTILIZER STUDY

			Date	
			1st Head	Full Ripe
1109	B5813A 12-5-1 PT. 215,936 X LAC. H. 9-23 (330)	227 401 80#N	8-20 8-21 8-21	(119) rather salt mgg. no fm color.
1110	B5813A 12-5-1 ✓ H. 9-23 (330)	111 307 160#N	8-21 8-20 8-21	(119)
1111	B574A 1-35-4-6-1 CT. 9214 X CT. 9383 H. 8-27 (364)	216 301 80#N	8-1 8-1 8-1	(98)
1112	B574A 1-35-4-6-1 H. 8-27 (364)	108 416 160#N	8-3 8-3 8-3	(100) v. fast dis. hard & me
1113	B593A 11-1-3 B.P. X [CP 131/3 X BGT] ₂ X PT.] H. 8-27 (373)	321 420 80#N	7-29 7-29 7-29	(96)
1114	B593A 11-1-3 ✓ H. 8-27 (373)	120 211 160#N	8-2 8-1 8-2	(99) fast ripening
1115	B593 B6-21-3 B.P. X [CP 131/3 X BGT] ₂ X PT.] H. 9-3(A) (374) (B) H. 9-16	128 403 80#N	8-1 8-6 8-4	(101) v. heavy veg. growth. Broad leaf. Lgt.
1116	B593 B6-21-3 H. 9-4 (374)	212 320 160#N	8-5 8-5 8-5	(102) show lgt. fm. apic

YIELD DATA

PLANT HT. (IN.)	LODG- ING		GMS. PER ROW	ACRE	YIELD
				LBS.	SL.
43		WEEDS	699		
<u>42</u>			1051		
43			1750	3500	21.6
48			1220		
<u>49</u>			1220		
49			2440	4880	30.1
42			928		
<u>43</u>			1164		
43			2092	4184	25.8
44			1135		
<u>42</u>			1206		
43			2341	4682	28.9
Heading.					
41			865		
<u>40</u>			919		
41			1784	3568	22.0
46			1044		
<u>45</u>			1057		
46			2101	4202	25.9
40			708		
<u>48</u>			987		
44			1695	3390	20.9
50			1019		
<u>47</u>			1002		
49			2021	4042	25.0

			Date	
			1st Head	Full Ripe
1117	B5818A15.77-1-1-2 GULFROSE X PI. 215936 Hv 9-16 (574)	126 311 80#N	8-14 8-12 8-13 Slender No. pr.	(111) mgst.
1118	B5818A15.77-1-1-2 ✓ Hv 9-16 (574)	207 402 160#N	8-18 8-18 8-18	(116)
1119	B581A6-181-1-4 (CP211/3 X BBT) ₂ X PI. 215936 Hv 9-16 (605)	116 319 80#N	8-19 8-19 8-19	(117)
1120	B581A6-181-1-4 ✓ Hv 9-23 (605)	220 405 160#N	8-20 8-21 8-21 V. Slender lgt. pr. spec.	(119)
1121	B572A1-6-5-1-6-3 PI. 215936 X CJ. 9214 Hv 9-16 (625)	310 412 80#N	8-15 8-15 8-15 Slender, lgt. pr. spec.	(113)
1122	B572A1-6-5-1-6-3 ✓ Hv 9-16 (625)	109 204 160#N	8-18 8-20 8-19	(117)
1123	TAIWAN-1KU 487 PI 215936 Hv 9-16 (635)	209 309 80#N	8-19 8-19 8-19 lgt. much pr.	(117)
1124	TAIWAN-1KU 487 PI. 215936 Hv 9-23 (635)	121 421 160#N	8-22 8-22 8-22	(120)

PLANT HT. (IN.)	LODGING	YIELD DATA		
		GMS. PER ROW	ACRE LBS.	YIELD BL.
40		899		
38		1053		
39		1952	3904	24.1
43		1014		
41		1011		
42		2025	4050	25.0
35		737		
36		790		
36		1527	3054	18.9
40		868		
40		883		
40		1751	3502	21.6
43		980		
44		921		
44		1881	3762	23.2
48		934		
49		1009		
49		1943	3886	24.0
40		775		
42		814		
41		1589	3178	19.6
44		763		
46		951		
45		1714	3428	21.2

			Date	
			1st Head	Full Ripe
1125	B572A3-47-2-2P-1-1 PI. 215936 X CI9214 Hv9-16 (640)	122 407 80#N	8-21 8-21 8-21 Eud, imm.	(119) leaf.
1126	B572A3-47-2-2P-1-1 ✓ Hv9-23 (640)	226 318 160#N	8-24 8-23 8-24 Straw, 88. pr. gnie	(122)
1127	B572A3-47-2-5P-5-2 PI. 215936 X CI. 9214 Hv9-23 (647)	303 415 80#N	8-24 8-22 8-23 Red, 88. pr. gnie	(121)
1128	B572A3-47-2-5P-5-2 ✓ Hv9-23 (647)	119 223 160#N	8-23 8-23 v. red flyg. dark color	(121)
1129	B572A3-47-6-3-1-3 PI 215936 X CI. 9214 Hv9-23 (714)	218 424 80#N	8-24 8-24 Straw color. 88. pr. gnie.	(122)
1130	B572A3-47-6-3-1-3 ✓ Hv9-23 (714)	110 324 160#N	8-24 8-24 8-24	(122)
1131	B6113A2-81-1 BBT-50/4 X GULF ROSE (763)	208 413 80#N	9-1 9-1 9-1	(128)
1132	B6113A2-81-1 ✓ (763)	113 327 160#N	9-4 9-5 9-5	(133)

YIELD DATA

PLANT HT. (IN)	LODG- ING		GMS. PER ROW	ACRE	YIELD
				LBS.	BL.
42		WEEDS	549		
44			<u>908</u>		
43			1457	2914	18.0
46		WEEDS	767		
45			<u>1059</u>		
46			1826	3652	22.5
much fr. of mtd.					
42			834		
40			<u>787</u>		
41			1621	3242	20.0
45			843		
45			<u>793</u>		
45			1536	3072	19.0
45			887		
44			<u>920</u>		
45			1807	3614	22.3
50			784		
48			<u>1092</u>		
49			1876	3752	23.2
49			710		
49			<u>609</u>		
49			1319	2638	16.3
53			759		18.1
53			<u>710</u>		
53			1469	2938	

75

			Date	
			1st Head	Full Ripe
1133	B6113A 2-49-1 BBT-50/4 X G4L FROSE (772)	118 423 80#N	8-31 8-30 8-31 Straw, awns.	(127) Lgt.
1134	B6113A 2-49-1 ✓ (772)	206 305 160#N	9-2 9-1 9-2 Heavy veg. growth.	(129)
1135	B593A 11-1-3-1 B.P. X [(CP-231/3 X BBT) ₂ X P.I.] Hv 8-27 (1135)	315 409 80#N	7-28 7-28 7-28	(95)
1136	B593A 11-1-3-1 ✓ Hv 8-27 (1135)	117 224 160#N	8-1 8-1 8-1	(98)
1137	B581A 1-13-2 (CP-231/3 X BBT) ₂ X P.I. 215936 Hv 9-16 (1145)	112 205 80#N	8-16 8-16 8-16	(114)
1138	B581A 1-13-2 ✓ Hv 9-23 (1145)	314 404 160#N	8-18 8-20 8-19 Hd., Lgt. too sh. ju. up to, dark green	(117)
1139	B593A 21-13-1 B.P. X [(CP-231/3 X BBT) ₂ X P.I.] Hv 8-27 (1147)	217 312 80#N	7-26 7-25 7-26	(93)
1140	B593A 21-13-1 ✓ Hv 8-27 (1147)	123 418 160#N	7-30 7-28 7-29	(96)

YIELD DATA

PLANT HT. (IN)	LODG- ING	GMS. PER ROW	ACRE	YIELD
			LBS.	B.
48 50 <u>49</u>		604 628 <u>1232</u>	2464	15.2
57 <u>54</u>		778 832 <u>1610</u>	3220	19.9
41 42 <u>42</u>		867 1004 <u>1871</u>	3742	23.1
46 45 <u>46</u>		1082 819 <u>1901</u>	3802	23.5
40 41 <u>41</u>		749 859 <u>1608</u>	3216	19.9
44 45 <u>45</u>		1015 933 <u>1948</u>	3896	24.1
38 40 <u>39</u>		799 880 <u>1679</u>	3358	20.7
43 43 <u>43</u>	WEED	853 1198 <u>2051</u>	4102	25.3

			Date	
			1st Head	Full Ripe
1141	1149-23 (1149)	115 326 80#N	F-23 F-23 F-24	(122)
1142	(1149)	202 425 160#N	F-27 F-27 F-27	(125)
1143	TAICHUNG NATIVE #1 PI. 271, 672 1149-23 (1224)	124 306 80#N	F-21 F-23 F-22	(120)
1144	✓ PI. 271, 672 (1224)	210 417 160#N	F-23 F-23 F-23	(121)
1145	SATURN CI. 9540 1149-9 (12)	102 323 80#N	F-11 F-11 F-11	(109)
1146	SATURN CI. 9540 1149-9 (12)	222 428 160#N	F-12 F-12 F-12	(110)
1147	NATO CI. 8998 1149-9 (9)	105 219 80#N	F-15 F-15 F-15	(113)
1148	NATO CI. 8998 1149-16 (9)	316 406 160#N	F-18 F-18 F-18	(116)

YIELD DATA

PLANT HT. (in)	LODGING		GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
39			698		
<u>41</u>			<u>635</u>		
40			1333	2666	16.5
47			982		
<u>45</u>			<u>939</u>		
46			1921	3842	23.7
31		WEEDS	859		
<u>36</u>			<u>1208</u>		
34			2067	4134	25.5
34			1112		
<u>35</u>			<u>1167</u>		
35			2279	4558	28.1
46			1227		
<u>45</u>		WEEDS	<u>870</u>		
46			2097	4194	25.9
48		WEEDS	894		
<u>49</u>			<u>1175</u>		
49			2069	4138	25.5
49			951		
<u>48</u>			<u>907</u>		
49			1858	3716	22.9
55			833		
<u>54</u>			<u>1019</u>		
55			1852	3704	22.9

			Date		Pl. L. Co.
			1st Head	Full Ripe	
1149	BLUE BELLE	101	8-6		
	CI. 9544	213	8-4		
	Hv 9-9 (Fd.)	80#N	8-5	(103)	
1150	BLUE BELLE	322	8-10		
	CI. 9544	408	8-8		
	Hv 9-9 (Fd.)	160#N	8-9	(107)	
1151	BELLE PATNA	203	7-30		
	CI. 9433	317	7-28		
	Hv 8-27 (Fd.)	80#N	7-27	(94)	
1152	BELLE PATNA	127	8-1		
	CI. 9433	427	8-2		
	Hv 8-27 (Fd.)	160#N	8-2	(100)	
1153	CI. 9545	923 328	8-18		
	B572A 3-48-2	Hv 419	8-18		
	PI. 215976 & CI. 9214 (1103)	80#N	8-18	(116)	
1154	CI. 9545	Hv 114	8-19		
	B572A 3-48-2	215	8-20		
	(1103)	160#N	8-20	(118)	
1155	B505A 1-28-7-1-2	103	8-16		
	CI. 9534	325	8-16		
	Hv 9-16 (25)	80#N	8-16	(114)	
1156	B505A 1-28-7-1-2	201	8-18		
	CI. 9534	422	8-19		
	Hv 9-23 (25)	160#N	8-19	(117)	

DAWN

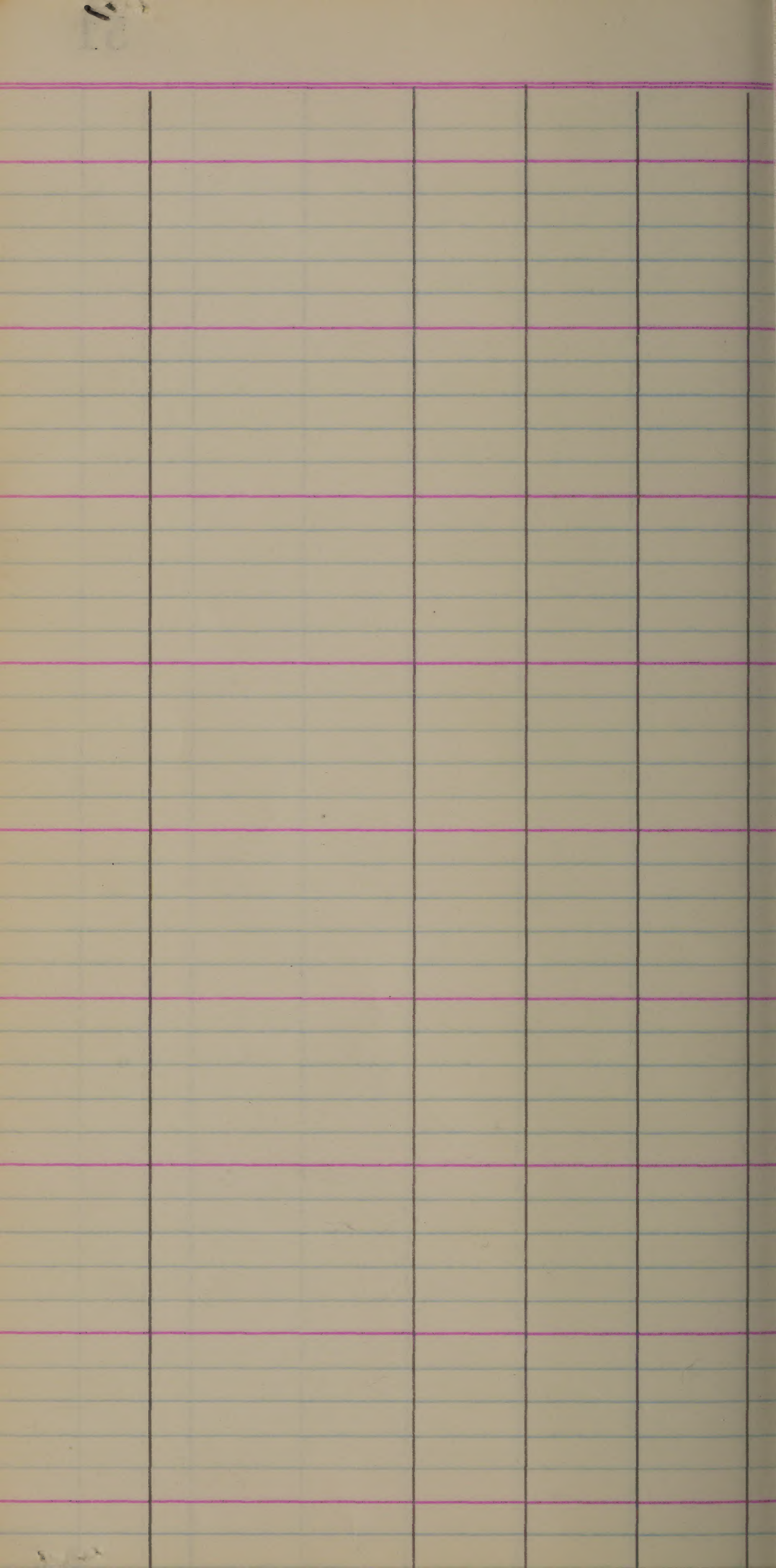
DAWN

Well. lgt. smooth
no spr. spr.

YIELD DATA

PLANT HT. (IN.)	LODG- ING	GMS. PER ROW	ACRE YIELD	
			lbs.	BL.
40		1141		
<u>41</u>		<u>860</u>		
41		2001	4002	24.7
46		1103		
<u>46</u>		<u>1204</u>		
46		2307	4614	28.5
44		850		
<u>43</u>		<u>941</u>		
44		1791	3582	22.1
46		1006		
<u>48</u>		<u>918</u>		
47		1924	3848	23.8
36		745		
<u>38</u>		<u>911</u>		
37		1656	3312	20.4
41		1023		
<u>41</u>		<u>1047</u>		
41		2071	4142	25.6
47		863		
<u>45</u>		<u>728</u>		
46		1591	3182	19.6
50		1105		
<u>50</u>		<u>1116</u>		
50		2221	4442	27.4

[illegible]



PROTEIN STUDY

S3: 4E SOWN: 5-12		SEEDING ORDER.	Date		P b G
			1st Head	Full Ripe	
1201	HEI TU 7 HAO PT. 160, 577 Hu 8-27 (2231)	123 608 40#N	7-24 7-26 7-25	day to mature (105) lg. No. leaf. Teller well rough, willow, mgd.	
1202	✓ Hu 8-18 (2231)	320 511 80#N	7-25 7-25 7-25	(105) leaving leafy 8-10	
1203	TIEH YEN CHAN PT. 160, 600 Hu 9-3 (2253)	312 408 80#N	8-2 8-3 8-3	(114) rough, mgd.	
1204	✓ Hu 9-3 (2253)	213 522 80#N	8-2 8-2 8-2	(113)	
1205	NAN TA SHANG CHIN PT. 160, 613 (2263)	101 619 40#N	7-20 7-21 7-21	(101) rough, mgd. willow	
1206	✓ Hu 8-18 (2263)	315 416 40#N	7-20 7-20 7-20	(100)	
1207	CHU CHU KSIENG TIENG PT. 160, 683 Hu 8-18 (2327)	418 603 40#N	7-25 7-25 7-25	(105) rough, mgd. much stem	
1208	✓ Hu 8-18 (2327)	208 305 40#N	7-27 7-27 7-27	(102)	

12" PHOTS ; 9" CENTERS
39 VAR. , 2 FERT. , 2 REPS.

1000. 2 rows X 4 feet...
2 Reps. X 4 = lbs./A.

53

YIELD DATA

PLANT HT. (IN.)	LODGE- ING	BIURET		GMS. PER ROW	ACRE LBS.	YIELD LBS.
		64	65			
44				423		
44		39	29	519		
44				942	3768	23.3
	% HEAD	% TOTAL				
	68.0	73.2				
51		39	35	494		
53				554		
52				1048	4192	25.9
	32.5	72.6				
47		40	41	472		
47				528		
47				1000	4000	24.7
	56.1	68.3				
49		40	38	493		
44				535		
47				1028	4072	25.1
	53.8	68.0				
43		39	35	458		
42				381		
43				739	2956	18.2
	58.4	72.1				
46		39	36	491		
47				484		
47				975	3900	24.1
	44.9	71.2				
49		42	33	658		
48				453		
49				1111	4444	27.4
	66.6	70.8				
47		42	34	429		
49				428		
48				857	3428	21.2
	68.6	72.1				

Expensive
Alk.

PROTEIN STUDY

12.5
I

10.5
I

9.5
I

10.0
I

14.0
I

11.0
I

11.5
I

7.5
I

			Date		
			1st Head	Full Ripe	
1209	PAI VI PING PI. 160,778 AUG 18 (2409)	513 605 40#N	7-26 7-26 7-26	(106)	much stone
1210	✓ AUG 18 (2409)	117 303 80#N	7-25 7-25 7-25	(105)	V. Nov. lg. leaf. tiller small Leaning badly 8-10.
1211	YEH SWEI PI. 160,793 (2422)	304 420 617 40#N	8-19 8-19 8-18 8-19	(130)	
1212	✓ (2422)	211 80#N	8-18 8-18	(129)	
1213	YEH CHIAO YEH SOH TSI PI. 160,810 (2439)	509 519 48#N	8-1 8-3 8-2	(113)	
1214	✓ Nov. 9.3 (2439)	118 308 40#N	8-3 8-4 8-4	(115)	Regen out early, Poor stand on 118A, V. Nov. leaf. rough. sgt.
1215	SHINCHIKU - 1K4 #163 PI. 215,860 (3251)	126 40#N	8-10 8-10	(121)	Poor stand. rough. sgt.
1216	✓ (3251)	317 407 516 80#N	8-7 8-6 8-7 8-7	(118)	

all plots 40#N

YIELD DATA

PLANT HT. (IN.)	LODG- ING	DIRECT 64 65	GMS. PER ROW	ACRE YIELD		I. / A.
				LBS.	BL.	
42		39	476			11.5 / I
42		33	538			
42			1014	4056	25.0	
	% HEAD 68.0	% TOTAL 72.8				
49		39	580			4.5 / I
48		32	527			
49			1107	4428	27.3	
	57.8	71.0				
46		40	236			37.5 / L
46		37	231			
44			182			
46			649	2596	16.0	
	69.7	73.0				
43		40	216			47.5 / L
43		36		1728	10.7	
	58.8	70.2				
38		39	254			41.0 / L
38		36	200			
38			454	1816	11.2	
	69.9	72.8				
39		39	217			41.0 / L
38		39	173			
39			390	1560	9.6	
	71.5	74.8				
44		40	218			41.5 / L
44		37		1744	10.8	
	70.2	73.4				
43		40	208			41.5 / L
41		38	174			
39			116			
41			498	1330	8.2	
	63.1	71.6				

			Date	
			1st Head	Full Ripe
1217	TAINAN #19 PI. 215,928	 121	f-5 f-5	(116)
	(3260)	40#N	Poor island, Sk. Nar. l.	rough!
	✓	217	8-6	
1218		410	8-6	
		620	8-6	
	(3260)	80#N	8-6	(117)
1219	TAKAO-IKU #3 PI. 215,988	517 	8-2	
	(3294)	40#N	8-2	(113)
	✓	207	7-31	
1220	Nov 9-3	319	8-1	
		406	7-31	(111)
	(3294)	80#N	7-31	narrow leaf, sensitive
1221	CI. 2934	419 	7-20	
	Nov 8-18			
	(4017)	40#N	7-20	(100)
1222	✓	112	7-19	
		316	7-19	
	Nov. 8-18	521	7-20	
	(4017)	80#N	7-19	(99)
			rough. 2g8.	
1223	PI. 277,227	321	8-6	
		502	8-7	
		610	8-7	
	(4575)	40#N	8-7	(118)
1224	✓	103 	8-9	
			8-9	(120)
	(4575)	80#N	rough, 2g8.	

1 R_h X P = 16.1A
 2 R_h X 4 = 16.1A
 3 R_h X 2.67 = 16.1A

YIELD DATA

PLANT	HT.	ONI	BURET	GMS. PER	ACRE	YIELD	I/A
(IN.)		LOG	64 65	ROW	LBS.	BL.	
37			39 35	293			27.5 L
37					2344	14.5	
		% HEAD	% TOTAL				
		64.8	71.4				
36			39 33	204			34.0 L
36				217			
36				261			
36				682	1811	11.2	
		58.8	69.0				
40			44 35	275			27.5 L
40					2200	13.6	
		61.1	70.8				
43			44 39	347			24.5 L
45				364			
43				346			
44				1057	2822	17.4	
rough, 44		71.6	75.2				
38			39 38	325			23.0 L
38					2600	16.0	
		68.8	73.0				
43			39 39	430			24.0 L
44				428			
40				346			
42				1204	3215	19.8	
willow, 39		72.8	74.8				
39			39 39	198			50.0 PURPLE L
38				143			
35				95			
37				436	1164	7.2	
		67.2	72.8				
37			39 40	172			53.0 R L
37					1376	8.5	
		63.8	70.4				

			Date	
			1st Head	Full Ripe
1225	PI. 277232	209	8-5	
		322	8-5	
	(4521)	80#N	8-5 rough, sgt.	(116)
1226	✓	505	8-5	
		615	8-6	
	(4521)	80#N	8-6	(117)
1227	PI. 277237	115	8-7	
		607	8-7	
	(4525)	40#N	8-7 rough bell, sgt.	(118)
1228	✓	306	8-6	
		414	8-6	
	(4525)	80#N	8-6	(117)
1229	STg 521305	424	8-9	
	R. 9689 X (TPXR-SBR)	520	8-9	
	CI. 9187 (34)	80#N	8-9	(120)
1230	✓	205	8-8	
		215	8-8	
	(34)	80#N	8-8 smooth, sgt. pr. opic.	(119)
1231	BELLE PATNA	223	7-17	
	CI. 9433	417	7-17	
	Aug-18 (113)	526 40#N	7-16 7-17	(97)
1232	✓	102	7-18	
			7-18	
	(113)	80#N		(98)

YIELD DATA

PLANT HT. (IN.)	LODGING	BURET 64 65	GMS. PER ROW	ACRE LBS.	YIELD BL.	I A.
37 40		40 35	171 267 448	1792	11.1	53 P L
39	% HEAD 58.6	% TOTAL 71.4				
39 36		40 38	232 167 399	1596	9.8	47.5 P L
38	64.0	72.0				
40 40		43 36	247 237 484	1936	12.0	48.0 P L
40	65.7	72.5				
39 37		43 36	220 128 348	1392	8.6	46 P L
38	68.7	73.8				
44 44		40	515 485 1000	4000	24.7	19.0 I
44	57.2	66.4				
43 46 45		37	512 532 1044	4176	25.8	19.5 I
good gr. skip	57.1	66.4				
39 40 38 39		38	333 414 359 1106	2953	18.2	7.5 I
43	58.5	71.2				
43		36	484			6.5 I
43	63.1	71.2		3872	23.9	

			Date		
			1st Head	Full Ripe	
1233	BLUEBELLE CI. 9544	508 606	7-23 7-22		
	(114)	40#N	7-23	(103)	
1234	✓ H.P. 27 (114)	119 222 80#N	7-25 7-24 7-25	(105)	
1235	BLUEBONNET. 50 CI. 8990	326 525	8-22 8-22		
	(44)	40#N	8-22	(133)	
1236	✓ (44)	105 421 40#N	8-21 8-21 8-21	(132)	
1237	FORTUNA CI. 1344	 203 40#N	8-27 8-17	(138)	
1238	✓ (46)	311 412 618 80#N	8-23 8-23 8-23 8-23	(134)	
1239	SATURN CI. 9540 H.P. 27 (12)	309 507 625 40#N	7-30 7-29 7-30 7-30	(110)	
1240	✓ H.P. 27 (12)	 116 80#N	8-1 8-1	(112)	

all Photo 40#N

YIELD DATA

PLANT HT. (IN.)	LODGE- ING	BIURET 64 65	GMS. PER ROW	ACRE YIELD		T. A.
				LBS.	BL.	
35 35 35		37	437 405 842	3368	20.8	7.5 I
	% HEAD 60.8	% TOTAL 68.1				
39 39 39		34	611 562 1173	4692	29.0	8.0 I
	59.2	64.7				
49 48 49		29	391 349 740	2960	18.3	16.0 I
	60.7	69.6				
50 49 50		30	364 366 730	2920	18.0	17.0 I
	57.1	67.0				
52 52		33	323	2584	16.0	16.5 I
	51.1	68.7				
56 56 57 56		34 NOT H ₂ O	405 — 445 850	3400	21.0	16.0 I
	56.1	68.4				
42 40 39 40		37	410 444 431 1285	3431	21.2	49.5 P L
	66.9	71.0				
41 41		34	515	4120	25.4	48.0 L
	68.0	71.8				

			Date		
			1st Head	Full Ripe	
1241	ZENITH CI. 7787 H. 9-3 (6)	 506 40#N	8-1 — 8-1	(112)	
1242	✓ H. 9-3 (6)	124 323 611 80#N	8-3 8-3 8-2 8-3	(114)	
1243	COLUSA CI. 1600 H. 8-27 (1)	216 423 623 40#N	7-26 7-25 7-26 7-26	(106)	
1244	✓ H. 8-27 (1)	 122 80#N	— 7-25 7-25	ryt. (105)	
1245	CALROSE CI. 8988 (1233)	107 218 40#N	8-5 8-4 8-5 rough, mgt.	(116)	
1246	✓ (1233)	411 515 80#N	8-4 8-3 8-4	(115)	
1247	CALORO CI. 1561-1 (1219)	202 221 514 40#N	8-6 8-6 8-7 8-6	ryt. (117)	
1248	✓ (1219)	 422 80#N	8-6 — 8-6	(117)	

YIELD DATA

PLANT HT. (IN.)	LODGING	BYORET 64 65	GMS. PER ROW	ACRE YIELD		T. A. 30.5 L
				LBS.	BL.	
46		38	420			
46				3360	20.7	
	% HEAD 68.6	% TOTAL 70.9				
46		33	378			35.5 L
44			462			
46			310			
47			1150	3071	19.0	
	64.8	71.6				
39		36	318			24.5 L
40			377			
40			309			
40			1004	2681	16.5	
	63.0	68.9				
41		38	472			23.5 L
41				3776	23.3	
	62.5	66.2				
39		34	268			57.5 P L
38			239			
			517	2068	12.8	
39						
	64.7	70.5				
40		31	295			57.5 P L
39			289			
40			584	2336	14.4	
	63.2	70.4				
38		33	230			44.5 L
40			262			
40			257			
rough. 39			749	1999	12.3	
	69.6	75.2				
42		35	340			44.5 L
42				2720	16.8	
	69.4	74.2				

			Date		P b, a.
			1st Head	Full Ripe	
1249	TAICHUNG NATIVE [#] PI. 271, 672 (224)	204 325 626 40#N	8-10 8-10 8-12 8-11	(122)	
1250	✓ (224)	510 80#N	8-10 8-10	(21)	
1251	CHUNG TA 312 HAO X BINASTIAN F ₃ PI. 160863-1 (2489)	106 601 80#N	8-13 8-13 8-13	(124)	
1252	✓ (2489)	307 425 80#N	8-12 8-14 8-13	(124)	
1253	17-9-4 PI. 226,313 Hu 10-27 (3579)	409 523 40#N	9-20 9-20	(101)	
1254	✓ Hu 10-27 (3579)	110 224 80#N	9-20 9-20 9-20	(101)	
1255	NURUNGA 307 PI. 266 094 (3705)	314 40#N	9-4 9-4	(145)	
1256	✓ (3705)	212 504 621 80#N	8-31 8-30 8-31 8-31	(142)	

all plots 80#N

seg. hull color.
saluted. for opic

right rough

v. long, slow. leaf.
8-31

YIELD DATA

PLANT HT. (IN.)	LODGING	DIURET <u>64</u> 65	GMS. PER ROW	ACRE YIELD		I. A <u>14.5</u> L
				LBS.	BL.	
31		<u>35</u>	545			
31			523			
31			500			
rough half 70/100 head 29 55.3		71.2	1568	4187	25.8	
35		<u>29</u>	592			<u>15.5</u> L
35				4736	29.2	
	54.3	71.2				
51		<u>22</u>	440			<u>11.5</u> I
52		35	459			
52			899	3596	22.2	
rough rough dry glumes. 59.9		71.4				
52		<u>22</u>	546			<u>8.5</u> I
52		29	471			
52			1017	4068	25.1	
	63.2	72.0				
		<u>19</u>	228			<u>17.5</u> L
		22	280			
			558	2232	13.8	
	19.2	69.4				
		<u>19</u>	209			<u>17.5</u> L
		21	336			
			545	2180	13.5	
	18.4	69.8				
100		<u>18</u>	414			<u>7.5</u> I
		24				
				3312	20.4	
100						
60.8		66.7				
100		<u>18</u>	399			<u>8.0</u> I
58		23	433			
			537			
58			1369	3655	20.6	
	47.1	59.8				

			Date	
			1st Head	Full Ripe
1257	SINAGUING CI. 8939	111 225	9-10 9-16	
	(4208)	40#N	9-16	(157)
1258	✓ Hv 10-27 (4208)	426 524 80#N	9-16 9-16 9-16	(157)
1259	JAPON (4251)	 501 616 40#N	9-1 9-3 mgt. rough 9-2	(143)
1260	✓ (4251)	206 310 80#N	9-3 9-1 9-2	(143)
1261	DJAUH CI. 8299 (4331)	415 614 40#N	8-27 8-27 8-27 rough, mgt. stream.	(138)
1262	✓ (4331)	109 219 80#N	8-27 8-27 8-27	(138)
1263	PT. 26800/ Hv. 8-10 (4469)	301 413 40#N	7-8 7-8 7-8 Bold Mgt. hairy, weak stream	(88)
1264	✓ Hv 8-10 (4469)	210 613 80#N	7-10 7-11 7-11	(91)

YIELD DATA

PLANT HT. (IN)	LODGE- ING	BURET 64 65	GMS. PER ROW	ACRE YIELD		I/A
				LES.	SL.	
		18 15	130 220 350	1400	8.6	11.5 I
	% HEAD	% TOTAL				
	47.9	74.4				
		18 15	135 164 299	1196	7.4	12.5 I
	16.1	69.8				
56			355			8.5 I
		21 22	431 786	3144	19.4	
56						
	63.1	68.1				
60		21 23	381 492 873	3492	21.6	7.5 I
62						
61						
	67.1	71.3				
		19 20	237 273 510	2040	12.6	15.0 I
	54.4	67.9				
		19 20	273 200 473	1892	11.7	15.0 I-L
	55.2	67.9				
39			203	cut 1/2, 590 gms.		
41		18 24	127 330	1320	8.1	14.0 I
40						
	48.9	66.4				
44		18 22	254 219 473	1892	11.7	14.0 I
44						
44						
44						
	51.5	65.7				

			Date	
			1st Head	Full Ripe
1265	PI. 276901	104 [redacted]	9-6 9-6	(147)
	(4497)	40#N	lyg. rough.	
1266	✓	214 405 622	9-4 9-4 9-3	(145)
	(4497)	80#N	lyg. 9-4 rough.	
1267	PI. 277410	[redacted] 318 609	8-1 8-1 8-3	(113)
	(4572)	40#N	Sy. or Miflone 8-2	
1268	✓	120 402	8-5 8-5 8-5	(116)
	(4572)	80#N	Tall, rough, annel pr. apic lyg.	
1269	PI. 279143	324 512 518		
	(4607)	40#N		
1270	✓	[redacted] [redacted] 113		
	(4607)	80#N	V. Nov. leaf, purple falling.	
1271	PI. 281796	[redacted] 624	9-16 9-16	(157)
	Hu 10-27 (4654)	40#N		
1272	✓	125 313 401	9-16 9-16 9-16	(157)
	Hu-10-27 (4654)	80#N	9-16	

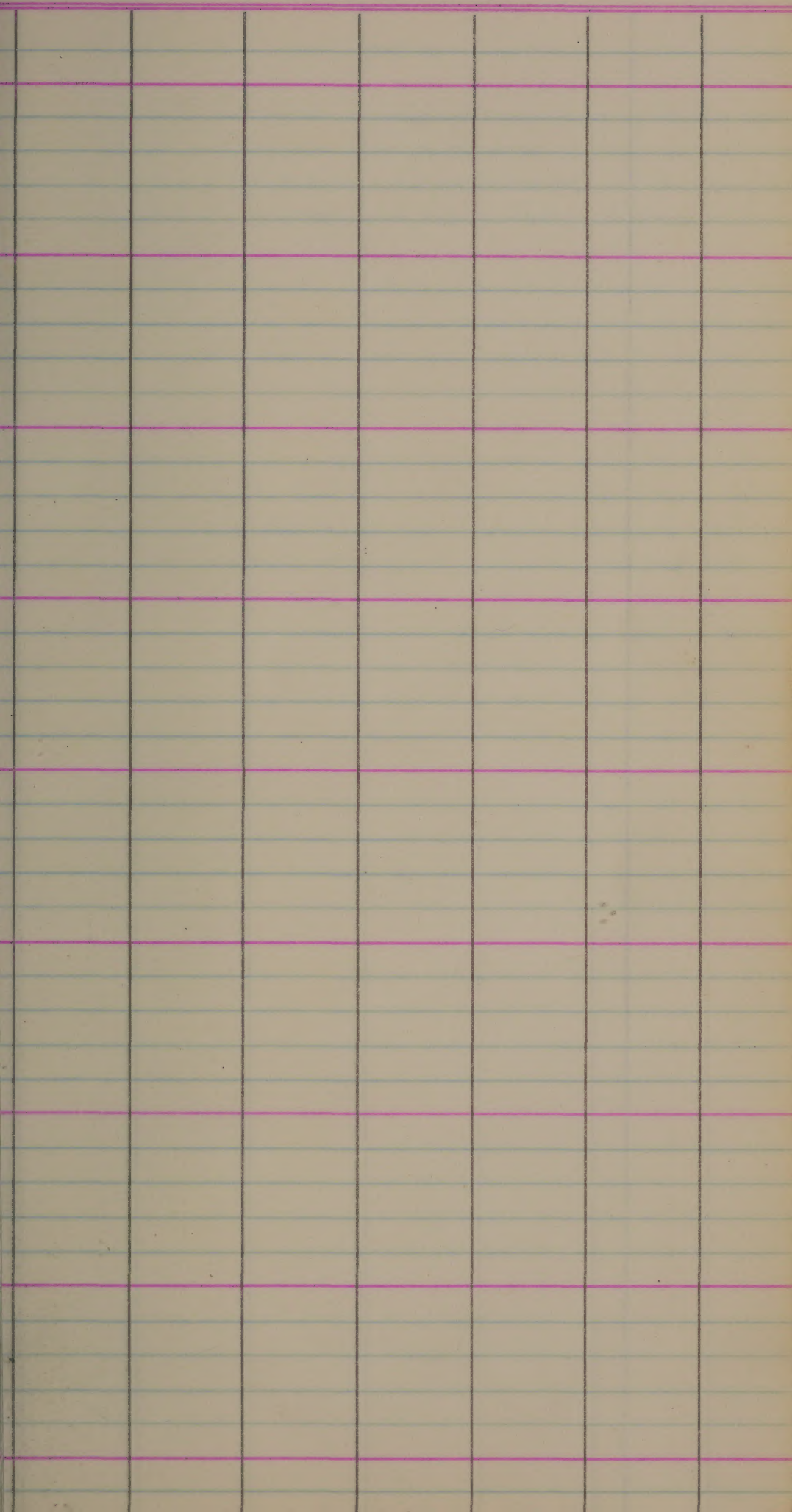
YIELD DATA

PLANT HT. (IN.)	LODGE- ING	BURET 64 65	GMS. PER ROW	ACRE YIELD		F/A.
				LBS.	BL.	
	90	20 26	365			4.5 L
	90			2920	18.0	
	% HEAD	% TOTAL				
	59.0	66.2				
	100	20 26	402			4.5 L
	100		358			
	100		388			
	(100)		1148	3085	19.0	
	59.6	66.5				
58		19 24	352			19.5 I
54			277			
54			629	2516	15.5	
55						
	47.8	67.9				
58		19 24	381			21.0 I
57			379			
58			760	3040	18.8	
weak stem						
	54.2	68.1				
		17 25	447			15.5 L
			467			
			424			
			1338	3572	22.0	
—	56.5	72.0				
		17 24	533			9.0 L
—				4264	26.3	
	37.6	72.0				
		18 19	317			12.0 L
				2536	15.7	
	18.0	73.4				
		18 15	217			3.0 L
			190			
			253			
			660	1762	10.9	
	11.7	74.5				

			Date	
			1st Head	Full Ripe
1273	PI. 282126	108	9-5	
		226	9-6	
	(4688)	403	9-5	(146)
	✓	40#N	rough, myt.	
1274		604	9-5	
	(4688)	80#N	9-5	(146)
1275	PI. 282941	114	8-31	
		404	8-30	
	(4756)	40#N	8-31	(142)
	✓		Pr. hull, by avar.	
1276		302	8-30	
		612	8-30	
	(4756)	80#N	8-30	(141)
1277	PI. 279172	201	8-5	
		503	8-5	
	Hv. 9.3		8-5	(116)
	(4839)	40#N	Shel. list of dis. back	
1278	✓	220	8-5	
		602	8-5	
	Hv. 9.3		8-5	(116)
	(4839)	80#N	weak strain	

YIELD DATA

PLANT HT. (IN.)	LODGE- ING	BIOMET $\frac{64}{65}$	GMS. PER ROW	ACRE YIELD		$\frac{I}{A.}$
				LES.	BL.	
75	100	$\frac{18}{29}$	475			$\frac{3.5}{\pm}$
	100		587			
59	100		533			
	$\frac{100}{56.8}$	$\frac{2.75}{71.0}$	1595	4259	26.3	
	100	$\frac{18}{27}$	676			$\frac{4.0}{I}$
				5408	33.4	
	54.8	69.6				
43		$\frac{12 \text{ LATE}}{25}$	261			$\frac{49.0}{L}$
45			218			
			479	1916	11.8	
	40.0	69.6				
43		$\frac{12 \text{ LATE}}{20}$	227			$\frac{56.0}{L}$
43			230			
			457	1828	11.3	
	36.8	69.4				
46		$\frac{20}{29}$	437			$\frac{2.0}{I}$
46			478			
			905	3620	22.3	
rough soil - no tillage						
	62.4	71.2				
47		$\frac{20}{26}$	444			$\frac{10.0}{I}$
46	100		450			
			894	3576	22.1	
	60.7	20.4				



CR FORM
APR. 1962 6

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

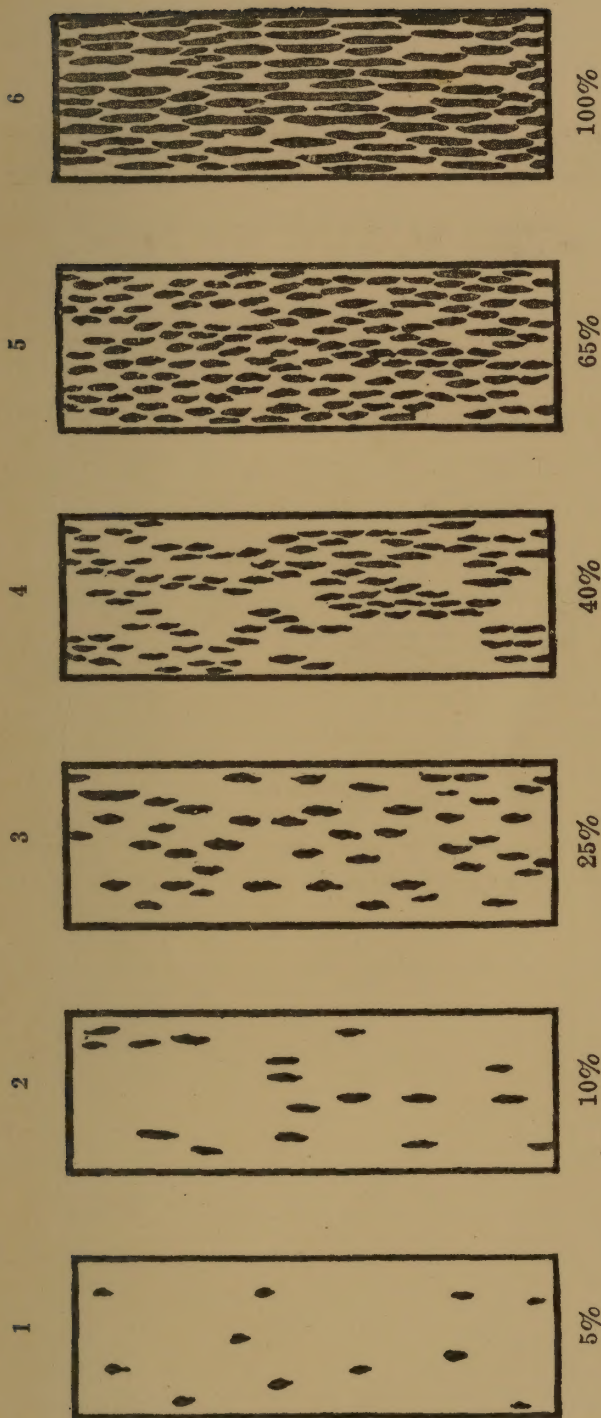


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

2001-3000 SEEDS 6-3-65

log.

alibi
1965

HyB-Mix. X Red CP23)

X (B5464A2.90-f.2)

2001

B6118A5-1-1,

1AA B49-50

9/5

6579

Bar

Intermediate ph.
stem hull

I
24

2002

-2

9/7

✓

2003

-3

9/4

✓

2004

-4

9/1

✓

2005

-5

9/4

✓

Bar

on 2001

I
18

2006

B6118A5-4-1

9/10

6583

2007

-2

9/5

✓

2008

-3

9/7

✓

Log. B.; stem seed.

6583	BG118A5-4-4	alt 1965 Jodine	1RR 8/150 X (B5464 A2 90.1-2)	9/8	2009
✓	-5			9/12	2010
6584	BG118A5-5-1			9/7	2011
✓	-2			9/7	2012
✓	-3	I 13		9/7	2013
✓	-4			9/7	2014
✓	-5	I 14		9/5	2015
6585	BG118A5-6-1			9/8	2016

			<i>Alkali</i> <i>Iodine</i>	
2017	B6118A5-6-2	9/9		6585
2018	-3	9/5	I 17	✓
2019	-4	9/10		✓
2020	Blueberry-50	9/13		CHECK
2021	B6118A5-6-5	9/6	L-1-7 24	6585
2022	B6126A1-1-1	9/3	I 16	6619
2023	-2	9/1		✓
2024	-3	9/3	H-I 72	✓

6619	B6126A1-1-4		9/6	2025
✓		-5	9/5	2026
6623	B6126A1-5-1		9/6	2027
✓		-2	9/9	2028
✓		-3	9/7	2029
✓		-4	9/10	2030
✓		-5	9/7	2031
6625	B6126A1-7-1		9/6	2032
				<i>Page</i>

2033	B6126A1-7-2	9/5	6625
2034	<i>ch. 10, 2 trans</i> -3	9/6	✓
2035	-4	9/6	✓
2036	-5	9/5	✓
2037	B6128A1-4-1	X 0950 9/14	X B563A1-4-2 6629
2038	<i>ola + 10</i> -2	9/15	✓
2039	<i>cy</i> -3	9/15	✓
2040	GULFROSE	8/26	CHECK

6629	B6128A1-4-4	<i>Alkali</i> Iodine	X, RM 50 X B63A1-19 ²	9/14	2041
		I			<u>Par</u>
		31			
✓		-5		9/13	2042
6633	B6128A1-8-1			9/7	2043
✓		-2		9/8	2044
✓		-3		9/5	2045
	Shl. br. mostly, some	sq. 12			<u>Par</u>
		I-H			
		37			
✓		-4		9/7	2046
✓		-5		9/6	2047
6634	B6128A1-9-1			9/12	2048

2049

B612FA1-9-2 ,

X, R0950

X B563A1-19-2

9/9

6634

2050

-3

9/8

✓

ParI
20

2051

-4

9/9

✓

Par

2052

-5

9/10

✓

2053

B6130A1-2-1 ,

B563A1-19-2 X

(B07-50/2 X B.A)

B5P9A8

9/9

6636

2054

B6130A1-2-2

9/9

✓

ParI
21

2055

-3

9/13

✓

2056

-4

9/9

✓

This group is all
V. short & M.
gold-shelled

6636	B6130A1-2-5	<u>White</u>	9/13	2057
		I 30		<u>Pass</u>
6638	B6130A1-4-1		9/13	2058
✓	V. sharp B. py. color long parallel	-2	9/9	2059
		I 22		<u>Pass</u>
CHECK		Bluebonnet-50	9/12	2060
		L 5-6, 1-7 21		<u>HV</u>
6638	B6130A1-4-3		9/8	2061
✓		-4	9/10	2062
✓		-5	9/7	2063
		I 35		<u>Pass</u>
6651	B621A1-3-1,	(R55-646) (Med. Sh. Demand) X <u>St. Lawrence</u>	8/24	2064
		L 38		<u>Pass</u>

2065	B62/A1-3-2	855-646 X	all. Indine	Surface 6651
2066	Seq. Lt. (Surface B. & white) -3	8/25		✓
2067	Large med. gr. type. Smooth hull. -4	8/26		✓
2068	-5	8/25		✓
2069	B62/A1-5-1	8/24	L 44	6653
2070	Seq. Lt., smooth -2	8/23		✓
2071	-3	8/25		✓
2072	Seq. Lt., large med. gr. -4	8/26		✓

			<i>dk</i> <i>Jodine</i>		
6653	B62/A1-5-5			8/25	2073
	Shorter grain than others in this group.		L 36		<i>Am</i>
6655	B62/A2-1-1			8/30	2074
✓		-2		8/26	2075
	for a				
✓	day	-3		8/26	2076
	the				
✓	be	-4		8/29	2077
	down - broke				<i>Am</i>
	good mpt.		L 33		
✓		-5		8/24	2078
6657	B62/A2-3-1			8/26	2079
CHECK			GULF ROSE	8/23	2080

			ok. Iodine	
2081	B62/A2-3-2	8/24		6657
2082	<i>slender</i> -3	8/26		✓
2083	<i>grain slightly larger</i> -4	8/27		✓
2084	<i>grain slightly larger</i> -5	8/26		✓
2085	B62/A4-4-1	8/25		6674
2086	<i>grain gr. type</i> -2	8/28		✓
2087	<i>gr. for the most part.</i> -3	8/25		✓
2088	<i>gr. for the most part.</i> -4	8/26		✓
2089	<i>This number a more slender gr. + larger than others.</i>		L. 35	

dlh.
Iodine

6674

B621A4-4-5

8/25

2089

6677

B621A4-7-1

8/28

2090

~~for~~

✓

-2

8/30

2091

✓

-3

8/26

2092

✓

-4

8/27

2093

✓

-5

8/26

2094

6689

B623A1-1-1, B64-50/5 X 64R.

9/13

2095

L.
18

~~for~~

✓

-2

9/13

2096

2097

R623A1-1-3

BLA-50/5 X G.L.

9/13

6689

2098

BLA-50
Joppe

-4

9/13

✓

2099

-5

9/12

✓

2100

BLUE BONNET -50

9/13

CHECK

6690	B623A1-2-1	alk. Iodine	B6-5/5 X G.P. 9/11	2101
		L 19		<i>Pan</i>
✓		-2	9/15	2102
✓		-3	9/13	2103
✓	<i>typen</i>	-4	9/12	2104
✓	B6-50	-5	9/13	2105
6691	B623A1-3-1		9/11	2106
✓		I 14		<i>Pan</i>
✓	<i>Some shorter gr. typen</i>	-2	9/14	2107
✓	<i>present in all rows.</i>	-3	9/13	2108

2109	B623A1-3-4,	all Iodine B68-50/5 X 9/12	G. R. 6691
2110	<u>Bulk</u>	9/10	✓
2111	B623A2-1-1	per Hu I 16	6692
2112	-2	9/13	✓
2113	-3	9/13	✓
2114	-4	9/13	✓
2115	-5	9/13	✓
2116	B623A2-2-1	9/13	6693

6693	B623A2-2-2	alk. Iodine	9/13	2117 <i>Am</i>
✓	<i>204-50 Type</i>	I 15	9/10	2118
✓	<i>204-50</i>	-4	9/13	2119
CHECK		GULFROSE	8/23	2120
6693	B623A2-2-5			2121
	<u>Latest run</u>			
6694	B623A2-3-1		9/14	2122
✓	<i>204-50 Type</i>	-2	9/13	2123 <i>Am</i>
✓	<i>204-50</i>	-3	9/13	2124

			<i>all Iodine</i>	
2125	B623A2-3-4	9/14		6694
2126	-5	9/13		✓
2127	B623A2-4-1	9/15		6695
2128	-2	9/13		✓
2129	-3	9/15		✓
2130	-4	9/14		✓
2131	-5	9/9	L-I 19	✓
<i>Per</i>	<i>This early row is fairly uniform mat.</i>			
2132	B623A2-5-1	9/8		6696

all
Iodine

6696

B623A2-5-2

9/13

2133

✓

-3

9/14

2134

✓

Seg. continuity

-4

9/13

2135

✓

-5

9/13

2136

6697

B623A2-6-1

9/16

2137

✓

-2

9/14

2138

Tupper

uniform over

L

16

Pen

✓

-3

9/16

2139

Blue 50

CHECK

BLUE BONNET-50

9/13

2140

2141	B623A2-6-4	9/13	all. Sodine	6697
<u>Pan</u>			L-I 16	
2142	-5	9/14		✓
2143	B6210A1-1-1, C. 9534 X C. 987	8/25		6698
	-2			
2144		8/24		✓
<u>Hv</u> *	pan./plant		I-H 21	
2145	-3	8/28		✓
2146	-4	8/24		✓
<u>Hv</u> *	pan./plant		I 23	
2147	-5	8/26		✓
<u>Hv</u> *	pan./plant		I 20	
2148	B6210A1-2-1	8/31		6699

6699	B6210A1-2-2	alk. Iodine	CT-9534X CT-9187	8/31	2149
✓	-3			8/31	2150
		I-H 22	pon./plant		*
✓	-4			9/3	2151
✓	-5			8/30	2152
		I-H 24	pon./plant		*
6701	B6210A1-3-1			9/1	2153
✓	-2			9/1	2154
✓	-3			9/1	2155
✓	-4			8/30	2156
		I-H 28	pon./plant		*

01
2157

B6210A1-3-5

9/4

BI 9534X CI 9187

6701

2158

B6210A1-4-1

9/3

6702

2159

-2

8/31

✓

2160

CI. 9534

8/31

CHECK

2161

B6210A1-4-3

8/31

6702

2162

-4

8/30

✓

2163

-5

8/31

✓

2164

B6210A1-5-1

9/1

6703

6703	B6210 A1-5-2	alk. Iodine	8/31	2165
✓	-3		9/1	2166
✓	-4		8/30	2167
✓	-5		8/31	2168
6704	B6210 A1-6-1		9/1	2169
✓	-2		8/31	2170
	Short!	I-H 20	pan./plant	*
✓	-3		8/31	2171
	Short	I-H 26	pan./plant	*
✓	-4		9/1	2172
		I-H 26	pan./plant	*

alb.
Isoline

2173

B6210A1-6-5

9/3

6704

2174

B6210A1-7-1

8/25

6705

2175

-2

8/29

I-H

✓

Hv
◇
*

pan./plant

Short !!

Sturdy.
20

2176

-7

8/30

I-H

✓

Hv
◇
*

pan./plant

Short, sturdy.
32

2177

-4

9/1

✓

2178

-5

9/1

✓

2179

B6210A1-8-1

8/31

6706

2180

CI.9534

9/1

CHECK

			alt. baine		
6706	B6210 A1-S.2			9/5	2181
✓		-3		9/6	2182
✓		-4		8/31	2183
✓		-5		9/3	2184
6727	B6214 A1-7-1, Nap (P. 131) X B64-50			9/7	2185
		I 26	Common & wavy		Pan
✓		-2		9/6	2186
✓		-3		9/7	2187
		I-H 56	Common & wavy		Pan
✓		-4		9/10	2188

all good killed, B650 Dr.

Sag. gr. slope & sign. by parallel

Selected largest & gr. type.

			<i>alk.</i> <i>Iodine</i>	
2189	B6214A1-7-5,	9/10		6727
2190	B6218A1-1-1, <i>Wafy Zm. & Malt</i>	9/1		6738
2191	-2	9/1	<i>L</i> 27	✓
2192	-3	8/30		✓
2193	-4	9/1		✓
2194	-5	9/1		✓
2195	B6218A1-5-1	8/30		6743
2196	-2	8/30		✓

6743

B6218 171-5-3

alt.
IodineNepy 200- X 2/20
8/30

2197

PanL
58

-4

8/30

2198

PanI-L
55 Red

-5

8/30

2199

CHECK

Nato
8/29

2200

L
620 ReddishHe

2201	R6213A1-3-1,	CI. 9187 X CI. 9470 9/7	alk. Dadine 6764	
2202	-2	9/7		✓
2203	-3	9/6	I 24	✓
2204	-4	8/30		✓
2205	-5	9/4		✓
2206	R6213A2-1-1	8/31		6770
2207	-2	8/31	I 30	✓
2208	-3	9/1		✓

6770	B6213A2-1-4	9/1	2209
------	-------------	-----	------

✓	-5	9/3	2210
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6772	(B6250 X [10-23/3 X B67] X Pt. 215936)		
6772	B6221A1-1-1, B593A9-3 X Pt. 215936	8/12	2211
6805			

✓	-2	8/15	2212
---	----	------	------

✓	-3	8/17	2213
---	----	------	------

✓	-4	8/11	2214
---	----	------	------

✓	-5	8/12	2215
---	----	------	------

6805	(UNKNOWN) POSSIBLY A PANDHORI HYBRID From Inf. PATNA.	8/25	2216
	-1		

			<i>all iodine</i>	
2217	- 2	8/28		6805
2218	- 3	8/26		✓
2219	- 4	8/22		✓
2220	<i>Belle Patna</i>	8/10	<i>4/I + 4 20</i>	CHECK
2221	- 5	8/20		6805
2222	<i>B63/A2-2-1,</i>	<i>Belle P. X CI.</i>	<i>9488</i>	<i>6822</i>
		8/18		
2223	- 2	8/14		✓
2224	- 3	8/13		✓

6822	B631A2-2.4	, B631X ct. 9488	8/14	2225
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✓		-5	8/14	2226
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6830	B633A1-7-1,	(CP-231 X ct. 8970) X B631P	8/15	2227
------	-------------	-----------------------------	------	------

✓		-2	8/17	2228
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✓		-3	8/15	2229
---	--	----	------	------

✓		-4	8/13	2230
---	--	----	------	------

✓		-5	8/16	2231
---	--	----	------	------

6836	B633A4-2-1		8/19	2232
------	------------	--	------	------

2233	B633 A4-2-2	(CP-231 X CT. 8970) X 8/5	alk. Iodine	Bell P. 6836
2234	-3	8/19		✓
2235	-4	8/13		✓
2236	-5	8/19		✓
2237	B633 A5-2-1	8/7		6841
2238	-2	8/15		✓
2239	-3	8/18		✓
2240	CP-231	8/30	H 52	CHECK

6841	B633A5-2-4	8/16	2241
------	------------	------	------

✓	-5	8/18	2242
---	----	------	------

6845	B634A1-4-1, Bell P/2 X CJ. 9488	8/12	2243
------	---------------------------------	------	------

✓	-2	8/12	2244
---	----	------	------

✓	-3	8/9	2245
---	----	-----	------

✓	-4	8/9	2246
---	----	-----	------

✓	-5	8/15	2247
---	----	------	------

6848	B634A 4-2-1	8/17	2248
------	-------------	------	------

2249	B634A4-2-2,	8/14	Bell P. 1/2 X C.F. 9488 6848	
2250	-3	8/16		✓
2251	-4	8/17		✓
2252	-5	8/19		✓
2253	B634A5-4-1	8/16		6859
2254	-2	8/18		✓
2255	-3	8/14		✓
2256	-4	8/18		✓

6859	B634A5-4-5	alt. Iodine	8/16	2257
6864	B634A5-8-1		8/19	2258
✓	- 2		8/18	2259
C/ECM		Bella Patra 8/10 I/H 14		2260 A✓
6864	B634A5-8-3		8/12	2261
✓	- 4		8/18	2262
✓	- 5		8/19	2263
6872	B634B3-2-1		8/18	2264

71
2265

B634B3-2-2,

Belle P/2 X CI. 9468

8/15

6872

2266

-3

8/15

✓

2267

-4

8/16

✓

2268

-5

8/15

✓

2269

B634B7-4-1

8/14

6878

2270

-2

8/12

✓

2271

-3

8/15

✓

2272

-4

8/13

✓

alt.
Iodine

6878 B634B 7-4-5 8/13 2273

6887 B634BF-5-1 8/12 2274

✓ -2 8/17 2275

✓ -3 8/16 2276

✓ -4 8/10 2277

✓ -5 8/14 2278

6891 B634BF-9-1 8/12 2279

CHECK TAICHUNG NATIVE #1
PT. 27,672 2280

L
28

9/11

16/1

2281

B634BF-9-2

Bell P_{1/2} X₁₁ 9488

8/14

6891

2282

-3

8/16

✓

2283

-4

8/15

✓

2284

-5

8/15

✓

2285

B634B11-2-1

8/14

6896

2286

-2

8/16

✓

2287

-3

8/18

✓

2288

-4

8/17

✓

			<i>alk</i> <i>Iodine</i>		
6896	B634B11-2-5			8/19	2289
6929+38 MIXED	B6223A1-Bk-1		(NATIVE #1) PI. 27/672 X CT. 9545	8/31	2290
✓		-2		8/22	2291
		$\frac{L}{22}$			<i>Par</i>
✓		-3		8/24	2292
✓		-4		8/27	2293
✓		-5		8/30	2294
✓		-6		9/1	2295
✓		-7		8/31	2296

Very bad for kernel smt.

all mixed

alk.
Iodine

Q6223A1-BR-8, P5.271672 X CI.9545

8/25

6929 + 38

MIXED

four

Sb. B. free thinking

L
23

-9

9/1



-10

9/1

✓

CI. ~~9544~~
9545

9/1

CHELY

			<i>Alk.</i> <i>Iodine</i>			
	R6223 A1-BK-11			PI 271672 X	CI. 9545	
6929+38				8/26		2301
MIXED			L			
	USLs. hd. sy color.	15				
		-12				
✓				8/28		2302
	sketches full					
	R6223 A1-14-1					
6938				8/29		2303
		-2				
✓				8/28		2304
		-3				
✓				8/25		2305
		-4				
✓				8/26		2306
		-5				
✓				8/23		2307
		-6				
✓				8/26		2308
			L			
			22			

Pan

2309	B6223A1-14-7,	8/30	6938
2310	B631A12-1 , Ball P X CI. 9488	8/17	6959
2311	-2	8/17	✓
2312	-3	8/18	✓
2313	-4	8/17	✓
2314	-5	8/14	✓
2315	B631A1-3-1	8/17	6961
2316	-2	8/16	✓

6961	B631A1-3-3	, Bell P. X ct. 9488	8/16	2317
✓	-4		8/17	2318
✓	-5		8/17	2319
CHECK		Bell Petra	8/12	2320
6975	B632A2-7-1	, ct. 9488 X Bell P.	8/19	2321
✓	-2		8/14	2322
✓	-3		8/13	2323
✓	-4		8/14	2324

2325	B632A2-7-5	8/14	all Jodine	6975
2326	B6310B3-1-1, Bell P. $\frac{1}{2}$ X	8/9	(CP-25) $\frac{1}{3}$ X BBT $\frac{1}{2}$ X P.T. RISE B5P1A6	6990
2327	- 2	8/10	I 17	✓
2328	- 3	8/13		✓
2329	- 4	8/16		✓
2330	- 5	8/11	I 26	✓
2331	B6310B3-3-1	8/17		6992
2332	- 2	8/18		✓

6992	B6310 B3-3-3,	<i>all Indine</i>	8/18	2333
✓	-4		8/19	2334
✓	-5		8/18	2335
7009	B638 B1-4-1,	Belle P. X. Pt. 2311 28	8/18	2336
✓	-2		8/19	2337
✓	-3		8/19	2338
✓	-4		8/15	2339
CHECK	Bluebird-50		9/11	2340
	17			14v

			Alb. Iodine	
2341	R63PB1-4-5	8/19		7009
2342	Plant Sel. 5- B63-333-1	8/19	I 24	7014
2343	little or no sterility. sh. R. , reg. color. -2	8/21		✓
2344	sh. R. , reg. color. -3	8/21		✓
2345	2343-46 reg. sh. , color. sterility. many plants completely sterile. -4	8/27		✓
2346	-5 Lute. R.	8/19	I-H 22	✓
2347	Plant Sel. B63-Seaberg Vigor. -1	8/20		7015
2348	a seed later than B63-333-1 looks sh. typical Vigor. -2	8/19		✓

7015	pt. 5d.	-3	8/21	2349
✓		-4	8/22	2350
✓		-5	8/21	2351
7113	B58131712-5-2-2-2-3-1,		pt. 215936 X Loc. 9/7	2352
✓		-2	9/7	2353
✓		-3	9/7	2354
✓		-4	9/7	2355
✓		-5	9/7	2356

2357	B589A 2-4-1-2-1-2-1	B589 1/2 X Gulf-wa	917	7147
2358	✓	-2	917	✓
2359	✓	-3	917	✓
2360	GULFROSE	8122		CHECK
2361	B589A 2-4-1-2-1-2-4	916		7147
2362	✓	-5	917	✓
2363	B589A 2-4-1-2-3-2-1	917		7150
2364	✓	-2	917	✓

alt
Tadine

F
20

L
43

I
17

I
15

7150	B589A	2.4-1-2-3-2-3	^{Alp.} Iodine	9/8	2365
✓		✓	-4	9/8	2366
✓		✓	-5	9/7	2367
7184	B589A	3.55-2-4-2-1.		8/30	2368
			I 22		Pow
✓			-2	8/30	2369
✓	<u>Buckhorn</u>	<u>Best looking grain type</u>	-3	8/31	2370
✓			-4	8/31	2371
✓			F	8/30	2372
			I 22		Pow

2373

B589A 3-86-3-3-2

8/30

BBTS 1/2 X Sulfone

7/87

alk.
Iodine

low

I
21

2374

-2

8/29

✓

2375

-3

8/30

✓

2376

-4

8/30

✓

2377

-5

8/30

✓

2378

B593A 10-11-3-3-2 / Bell P. X [BP-23 1/3 X BBTS] 1/2 X PE 215936

8/18

7/97

2379

-2

8/19

✓

2380

Belle Patna

8/14

CHECT

7197

B593A10-11-3-3-2-1

8/19

2381

✓

-4

8/19

2382

✓

-5

8/19

2383

7207

B593A10-37-4-3-2-1

8/18

2384

✓

-2

8/18

2385

✓

-3

8/18

2386

✓

-4

8/18

2387

✓

-5

8/18

2388

2389

B593A/10-37-6-2; 1-1 Bell P. X (CP-23/3 X 200) 2 X PT. 215936/

8/19

7222

H_v

I
19

2390

-2

8/19

✓

2391

-3

8/19

✓

2392

-4

8/18

✓

2393

-5

8/20

✓

2394

B593A/11-2-1-1-1-1

8/9

7241

L
24

2395

-2

8/9

✓

2396

-3

8/9

✓

Bell P. her.
St. G. bell, Bell maturity,
V. good 2nd quart.
Orange at the.

all

7241

B593A11-2-1-1-1-4

819

2397

L

21

-5

✓

819

2398

7242

B593A11-2-1-1-2-1

819

2399

I

22

CHECK

Bluebonnet-50

2400

2401

B593A/1-2-1-1-2-2

8/10

7242

ak

I

2402

-3

8/10

✓

2403

-4

8/9

✓

2404

-5

8/9

✓

2405

B593A/1-6-2-1-2-1

8/18

7245

2406

-2

8/15

✓

2407

-3

8/18

✓

2408

-4

8/19

✓

Built the
last hull
with the previous group.

Some variation in grain
length in this group.

7245

B593A/1-6-2-1-2-5

8/19

2409

7248

B593A/1-7-1-1-2-1

8/19

2410

✓

-2

8/18

2411

✓

-3

8/15

2412

✓

-4

8/19

2413

✓

-5

8/19

2414

7264

B593A/11-10-3-1-2-1

8/15

2415

✓

-2

8/15

2416

Grain shape off in this group.
 shorter gr. and curved or bent somewhat

B593A11-10-3-1-2-3

8/12

alk.
iodine

B.P. X₂ (P-23/1/2 X 48T)₂ X P121536
7264

Ben

Pelt. P. gran. 2/21
 & 2/22. Sub. 1/21.
 water station 1/21
 Pelt. P. 1/21. 1/21. 1/21.

-4
8/10

I
14

✓

-5
8113

✓

Belle Patna

8/11

14

CHECK

B593A11-15. 3-1-2-1

819

7270

L
44

2422	Beck H.	Beck P. 1974
2423	Stear	Stear

-2

✓

2423	pull to. stone full.
------	-------------------------

-3
8/18

✓

4
8/19

✓

7270	B593A11-15-3-1-2-5	alp. Iodine	8/19	2425
7279	B593A11-26-3-2-2-1		8/11	2426
✓	Spy. color.	L, I, H -28 -2	8/12	2427
✓	varies somewhat in grain size & shape	-7	8/18	2428
✓		-4	8/16	2429
✓		-5	8/16	2430
7282	B593A11-30-1-1-1-1		8/18	2431
✓		-2	8/18	2432

akali
Iodine

2433	B593A/11-30-1-1-1-3	8/16	7282
2434	Red P. H. a. tall	-4 8/18	✓
2435	Red P. H. a. tall	-5 8/18	✓
2436	B593A/17-13-1-2-1-1	8/18	7294
2437	Red P. H. a. tall	-2 8/17	✓
2438	Red P. H. a. tall	-3 8/19	✓
2439	Red P. H. a. tall	-4 8/19	✓
2440	CP-23/	9/1	CHECK
	Hu	L/I/H 60	

alkali
Iodine
Bell P.

$\times (P231/2 \times 600) \times P2.215936$

7294

B593A 17-13-1-2-1-5,

8/19

2441

7308

B593A 17-16-1-3-2-1

8/13

2442

✓

much stain

-2

8/14

2443

✓

Bell P.

-3

8/14

2444

I
 16

Pace

✓

Much like

-4

8/15

2445

✓

-5

8/13

2446

7316

B593A 17-3-3-2-1-1

8/20

2447

✓

-2

8/19

2448

2449

B593A18-3-3-2-1-3

8/20

7316

2450

Ball P. 1/2 or full.
2: slope off.

-4

8/19

✓

2451

-5

8/19

✓

2452

B593A21-4-2-1-1-1

8/15

7338

2453

Ball P.

-2

8/18

✓

2454

Ball P.

-3

8/15

✓

2455

Teller

-4

8/29

✓

2456

-5

8/19

✓

7342 B593A 21-5-1-1-1-1 8/17 2457

✓ Shorter & broader gr.
Almost a med. gr. type.
V. part the head. Weak
-2 8/17 2458

✓ -3 8/17 2459

CHECK Bluebonnet -50 2460

7342 B593A 21-5-1-1-1-4 8/14 2461

✓ -5 8/15 2462

7359 B593B 6-4-2-3-3-1 8/16 2463

✓ -2 8/18 2464

			<i>all</i> <i>Podnie</i>	
		Belb P.	X CP 13 1/2 X 8 1/2	NI 215936
2465	B59386-4-2-3-3-3,	8/18		7359
2466	-4	8/18		✓
2467	-5	8/17		✓
2468	B59386-17-3-3-1-1	8/13		7367
2469	-2	8/15		✓
2470	-3	8/10	I-4 47	✓
2471	-4	8/9		✓
2472	-5	8/11		✓

Much like Belb P.

			<i>alt.</i> <i>Iodine</i>		
7383	B593B6-24-1-2-1.1			8/21	2473
✓	Largest grain of all the ones. Much alt B4-50 gr. much more. alt B4-50 gr. much more. alt B4-50 gr. much more.	-2		8/19	2474
✓		-3		8/18	2475
✓		-4		8/18	2476
		L 33			<i>Pan</i>
✓		-5		8/18	2477
7408	B5545A9-5-3-1			8/29	2478
✓				8/29	2479
CHECK		CP-23/		8/30	2480
		I/H 55			W/

2481

B5545A9-5-3-1,

CP-231/2

8/29

X Zygma

Bogor 74408

2482

8/29

2483

8/29

2484

B585A1-1-1-3-1-1-1, B19-50 X D1MA

9/9

7447

2485

-2

9/9

2486

-3

9/9

2487

-4

9/9

HV

2488

A - L (21)
B - F (15)

-5

9/8

HV

Belium panicle
as from 2487
2488 taller
than others.2 albino seedling - mottle
and labeled 2488 A & B
A - L, B - F

alk
Iodine

B585A/1-65-1-3

B5850 X Dima

7463

9/9

2489

✓

9/7

2490

✓

9/8

2491

✓

9/8

2492

✓

9/8

2493

B585A/1-109-2-1-1

7470

9/13

2494

L

15

HV.

-2

9/13

2495

L-I

18

HV

-3

9/12

2496

I

19

HV

*Shade H. then previous row
but sturdier & more lighter.*

*Look like a short stump
B5850, Good leaf.
Some variation in H. by row.*

2497

B585A1-109-2-1-4

9/11

alb.
Jodine
B6850 X Prime
7470

I
13

2498

5

9/11

✓

L-I
15

2499

B583A1-2-2-2-2, CP-28/ X Prime

9/13

7494

L-I
39

2500

Bluebonnet -50

9/16

CHECK

L-I
33

7494	B583A1-2-2-2-2 , CP-231 X Dima	alb. iodine	9/10	2501
✓	Slab lg. Dima type phs. Stem bulb, wood strobility.	-	9/9	2502
✓	Dima gr. subsp.	✓	9/9	2503
✓	Dima gr. subsp.	✓	9/9	2504
7522	B583A1-45-2-2-2		8/30	2505
✓	Dima plant type, but shorter CP-231 grain type.	H 2/	8/30	2506
✓	Dima plant type, but shorter granite and CP-231 grain type.	Bella. H.	8/30	2507
✓	Dima plant type, but shorter granite and CP-231 grain type.	Bella. H.	8/30	2508

2509	B583 A1-45-2-2-2	8/29	7522	all Iodine
2510	B584 A1-46-5-2 B1-1-2-3-1	9/8	7602	CP-50 X Tojutha
*	pan./plant		L-I	
Hu			23	
2511	✓	9/8	✓	
*	pan./plant		L-I	
Hu			20	
2512	—	9/8	✓	
*	pan./plant		I	
Hu			21	
2513	✓	9/7	✓	
*	pan./plant		I	
Hu			20	
2514	✓	9/7	✓	
*	pan./plant		I	
Hu			21	
2515	B582 A1-41-4-2-3-1		7689	CP-231 X Tojutha
	↑		9/11	
	↑		L, I, H	
	↑		21	
2516	↑	9/6	✓	

7689	B582 A1-41-4-2-3-1	alk. Iodine	CP. 231 X	Tojintle	2517
✓		↓	9/1		
✓		↑ ↓ ↑ ↓	8/31		2518
✓		↓	9/4		2519
CHECK		JOJUTLA	10/9		2520
7692	B582 A1-41-4-2-3-2		8/31		2521
	much segregation.	I ↑			
✓		↓	9/3		2522
✓	much segregation.	↑ ↓ ↑ ↓			
✓		↓	8/30		2523
7713	B582 A1-41-4-2-8-2-1		9/7		2524
	Short	I-H			
	50	pos/plant			*
					△

			<i>all Jodine</i>		
2525	B5P2A1-41-4-2-8-2-2	9/7		7713	
☆ *	pen./plant	Short	H 50		
2526	-	3 9/7			✓
☆ *	pen./plant	Short	I-H 52		
2527	-	4 9/7			✓
☆ *	pen./plant	Short	I-H 44		
2528	-	6 9/7			✓
☆ *	pen./plant	Short	H 59		
2529	B5P9A2-4-3-1-2, B5P50 1/2 X 1/2 in	9/9		7726	
2530		9/7			✓
2531		9/8			✓
2532		9/7			✓

7726	B5892-4-3-1-2,	<i>alt.</i> <i>Iodine</i>	B585 1/2 X <i>Sulfrose</i> 9/8	2533
7730	B589A18-29-3-2-1-	<i>Too little grain</i> <i>milled</i>	8/24 <i>I - H</i> 19	2534 <i>Pow</i> <i>Hv</i>
✓			8/24	2535
✓	<i>Sulfure 10. or shorter.</i> <i>Some material in gr. slope</i>		8/24	2536
✓	<i>Sulfure 10. or shorter.</i> <i>Some material in gr. slope</i>	<i>grain too</i> <i>for lgt.</i>	<i>shot</i> -4 8/24 <i>I - H</i> 18	2537 <i>Pow</i> <i>Hv</i>
✓			8/24	2538
7731	B589A18-29-3-2-2-		8/24	2539
	<i>Sig for slight pubescence on back of gr.</i> <i>milled grain too sh. for lgt.</i>	<i>I</i> 17		<i>Hv</i>
CHECK		<i>Sulfrose</i> <i>L</i> 48	8/23	2540 <i>Hv.</i>

2541

Par
Hu

B589A 18-29-3-2

8/24

7731

alk.
Iodine
I-H
18

2542

8/24

✓

2543

Hu

8/25

✓

I-H
18

2544

Hu

8/24

✓

I-H
15

2545

B589A 18-29-3-2

8/24

7732

I
19

2546

8/24

✓

2547

8/24

✓

2548

8/24

✓

short to the surface
Milled grain of this somewhat shorter & broader gr. type.
Too short for good test.

Redd. sh.
Short to the surface.
Gr. light & narrow, rather narrow.
Milled grain shape off somewhat.
Too short for test.

alk
Iodine

B589A18-29-3-2

7732

8/24

2549

B589A18-33-3-1-2-2-1

7734

8/29

2550

✓
Taller than previous groups but shorter than
1804-30
Short gr. shape in rough
✓
Milled grain very clear
but maybe too short
for good seg.
✓
Dark h.

L

16

-2

8/29

2551

-3

8/29

2552

-4

8/29

2553

-5

8/29

2554

B589A18-52-2-2-2-1

7737

8/30

2555

-2

8/26

2556

I
15

Hv

			all Iodine	
2557	B589A 1A-52-2-2-2-3 Hv	8/26	B1050 1/2 X L-I 14	7737 ✓
2558	State D. Phil. 100-50 good gr. slope.	-4 8/27		✓
2559		-5 8/28	I-H 16	✓
2560		Bluebonnet-50 9/12		CHECK
			L 24	
2561	B589A 1A-52-2-2-1-4-1 Hv	8/28	I-H 17	7739
2562		-2 8/29		✓
2563		-3 8/29		✓
2564		-4 8/26	I-H 17	✓
	Blue Hv			

7739	B589A18-52-2-2-1-4-5	all - iodine	8/28	2565
7741	B589A18-52-2-2-1-5-1	I - H 16	8/28	2566
✓		- 2	8/29	2567
✓		- 3 I 17	8/27	2568
✓		- 4 I - H 17	8/26	2569
✓		- 5 I - H 20	8/27	2570
7746	B589A18-52-2-2-3-1-1		8/30	2571
✓	Wetland gr. slope some wet	- 2 L 15	8/25	2572

			alt. baseline	
2573	B589A18-52-2-2-3-1-3	8/27		7746
<u>HV</u>			L 14	
2574		-4 8/27		✓
<u>HV</u>			L 14	
2575		-5 8/26		✓
<u>HV</u>			L 14	
2576	B589A18-52-2-2-3-6-1	8/26		7751
<u>HV</u>			L 13	
2577		-2 8/26		✓
<u>HV</u>			L 14	
2578		-3 8/26		✓
<u>HV</u>			L 14	
2579		-4 8/26		✓
<u>HV</u>			L 13	
2580	Bluebell	8/20		CHECK
<u>HV</u>			I/H 16	

7751 B589A18-52.2.2-3-6-5 8/25 2581
all. Iodine
poor HV

7754 B589A18-71-2.3.2-3-1 9/7 2582
L
15

✓ B589A18-50. 8th maturity 9/8 2583
white tip

✓ B589A18-50. 8th maturity 9/7 2584
white tip

✓ B589A18-50. 8th maturity 9/11 2585
white tip

✓ B589A18-50. 8th maturity 9/7 2586

7755 B589A19-36.2.1-1-1 8/29 2587

✓ B589A19-36.2.1-1-1 8/30 2588
Too tall

*all
Iodine*

B589A19-36-2-1-1-3

B6950/2 X 2A.
8/29

2589

7755

2590

8/29

2591

8/30

2592

B589A19-75-2-4-3-1

9/9

7761

2593

9/9

2594

9/10

2595

9/12

2596

9/11

B69-50 grain

L-I

18

-2

L-I

17

-3

-4

-5

*B69-50 material. mostly
hard grain. 1/2 in.*

7763	B589A19-75-2-6-1-2 ✓	alk. Iodine	9/10	2597
✓	Holtz H. the preceding series.	Blk-gr.	L - 1 18	<u>40</u>
✓			-2 9/11	2598
			-3 9/14	2599
CHECK		Gulfport	8/30	2600

all
Iodine

2601

B589A19-75-2-6-1-2-4

9/13

7763

2602

-5

9/13

✓

110L-T
20

2603

B589A19-75-3-5-3-2-1

9/13

7769

2604

-2

9/13

✓

2605

-3

9/12

✓

2606

-4

9/12

✓

2607

-5

9/10

✓

2608

B589A30-37-2-2-1-1-1

9/13

7784

7784	<i>all</i> <i>Iodine</i> R 589A 30-37-2-2-1-1-2	9/12	2609
✓	<i>24-50</i> <i>Slender gr. Char 1367-50</i> -3	9/13	2610
✓	<i>Slender gr. Char 1367-50</i> -4 L - 1 17	9/18	2611
✓	<i>Slender gr. Char 1367-50</i> -5	9/19	2612
7787	R 589A 30-37-2-2-2-1-1	9/10	2613
✓	-2	9/10	2614
✓	-3	9/10	2615
✓	-4	9/10	2616

all
Iodine

2617

Q589A30-37-2.2-2-1-5

9/9

7787

2618

Q589A 3-35-5-2Bl-3-1-2-1

9/1

7791

2619

-2-5

8/31

✓

2620

Bluebonnet -50

9/12

CHECK

2621

Q589A3-35-5-2Bl-3-1-2-3

8/31

7791

2622

4

8/31

✓

2623

-5

8/31

✓

Hv

I
20

2624

Q589A3-82-3-2Bl-2-3-1

9/9

7805

				<i>all</i> <i>Iodine</i>	
7805	B589A3-82-3-262-2-3-2			9/7	2625
✓			-3	9/7	2626
				L 14	14
✓			-4	9/9	2627
✓			-5	9/8	2628
7806	B589A3-82-4-1-9-3-1-1			9/7	2629
✓			-2	9/8	2630
✓			-3	9/7	2631
✓			-4	9/7	2632

2633	B589A3-82-4-1-9-3-1-5 9/6	alk. Iodine B589 50/2 X G.R. 7806
2634	B589A3-86-1-4-8-3-2-1-1 8/31	7812
2635	-2 8/31 <i>Shade gr. than B589-50</i> <i>Shade LK.</i>	I 17 ✓
2636	-3 9/1	✓
2637	-4 9/1	✓
2638	-5 9/2	✓
2639	B589A18-21-3-3-7-2-1 9/7	7835
2640	Belle Patra 8/3	CHECK

alt.
Jodine

7835 B589A18.21-3-3-7.2-2 9/7 2641

✓ -3 9/7 2642

✓ -4 9/5 2643

slk. ht., good yr.

I
16

Pen
H.

✓ -5 9/6 2644

7875 B579A2.19.2.4P.1P-1 B5750 X 2A. 9/1 2645

✓ 9/1 2646

✓ 8/31 2647

✓ 9/3 2648

B5750 A.
typical good yr.

2649

B579A2-19-2-4P-1P-1

9/3

7875

2650

B572A1-6-2-3-1-2-3-1,

9/4

PI.215926 X CI.9214

7918

2651

-2

9/6

✓

2652

-3

9/6

✓

2653

-4

9/4

✓

2654

-5

9/1

✓

2655

B572A3-47-10-2-3

8/31

7945

2656

9/1

✓

7945	B572A3-47-10-2-3,	PT-215936 X CS-9214	9/1	2657
✓	68 inches taller than Bluebell.		9/1	2658
✓	Sgt.		8/31	2659
CHECK		Bluebell	8/19	2660
7952	B572A3-12-F-2-5-3		9/6	2661
✓	Sgt. sub. M. Parole to meet & watch sub.		9/6	2662
✓	chubby		9/1	2663
✓			9/4	2664

2665

B572A3-22-8-2-5-3 PI. 21598 XCI. 9214
8/30 7952

all
Iodine

2666

B572A3-22-8-3-6-1-1
9/3 7968

2667

9/6 ✓

2668

9/6 ✓

2669

9/6 ✓

2670

-5
9/1 ✓

HV

I
21

2671

B572A3-47-3-1-2-2-1
9/6 7986

2672

-2
9/4 L ✓

HV

Sgt. Stan-kill
Sgt. the Bumble

Seyn. gr. slope 2x8 xyl-14

7986	B572A3-47-3-1-2-2-3	alk. Dedine	9/5	2673
✓		-4	9/6	2674
7997	B572A3-47-5-3-3-2-1		9/4	2675
✓			9/3	2676
✓			9/3	2677
✓			9/5	2678
✓	about Bell P. long hint B&H-50 width millyp.	-5 L 12	9/3	2679
CHECK		C.I. 9545 L 17	8/30	2680

glt. Bluebell B. gold bell

glt. Too short

H✓

			ask Iodine	
2681	B572A3-47-6-3-1-2	9/7	PI. 215936 X	CJ. 9214 7999
			L-I -13	
2682		9/7		✓
2683	lit. possibly S. trans. lull Bull. lull	9/7		✓
2684	To stay for a lull with lull	9/7		✓
2685		9/7		✓
2686	B572A3-47-6-3-1-3	9/7	I 13	8004
2687		9/7		✓
2688	Bull. lull as preceding	9/7		✓

			<i>all Jodine</i>		
8004	B572A3-47-6-3-1-3			9/7	2689
✓				9/7	2690
8007	B572A3-47-6-3-2-3			9/8	2691
✓				9/7	2692
✓				9/7	2693
✓		<i>lib 2694-85</i>	<i>Bull her</i>	9/7	2694
✓				9/7	2695
8017	B572A3-47-11-2-2-3			9/7	2696
			<i>L-I 12</i>		

2697

B572A3-4711-2-2-3

9/7

8017

L-Z

2698

9/7

✓

2699

9/7

✓

✓

2700

Belle Patna

8/15

CHECK

			<i>alk</i> <i>Jodine</i>		
8017	B572A3-47-11-2-2-3			9/6	2701
8050	B572A3-47-5-3P-2-2-1			9/1	2702
✓				9/1	2703
✓	<i>than full</i>			8/30	2704
✓	<i>than full</i>			8/30	2705
✓			<i>5</i> <i>L-I</i> <i>16</i>	8/29	2706 HV
8054	B572A3-47-5-3P-3-2			9/1	2707
✓				8/31	2708

2709	B572A3-47-5-3P-3-2 egg gold shell Some straw full grown Pm. a unit? Yr. water short for a egg.	9/6	8054	
2710		9/1	✓	
2711		8/31	✓	
2712	B572A347-2-2P-1-1-2	9/3	8069	
2713		9/6	✓	
2714		9/6	✓	
2715		9/5	✓	
2716		9/6	✓	

8071	B572A3-47-2-2P-1-2	PT. 215936 X CT. 9214	2717
✓	Gulfport No. 10. a little gold hull, 1st. 1st. 1st.	9/6	2718
✓	Gulfport No. 10. a little gold hull, 1st. 1st. 1st.	9/11	2719
CHECK	Gulfport	8/22	2720
8071	B572A3-47-2-2P-1-2	9/3	2721
✓		9/5	2722
8077	B572A3-47-2-2P-2-2	9/5	2723
✓		9/3	2724

2725

B572A3-47-2-2P-2-2

9/4

*alt.
lodine*

8077

2726

9/5

✓

2727

9/5

✓

2728

B572A3-47-2-2P-2-3-3-1

8/30

8083

*lyt. stream bank**1/2**Wetly/grown rather short.**L-I
15*

2729

8/30

✓

2730

9/6

✓

2731

9/5

✓

2732

9/5

✓

*all
Iodine*

B572A3-47-2-50-2-2,

PI. 215936 X CT. 9214

2733

9/7

8094

9/7

2734

9/7

2735

9/6

2736

B572A3-47-3-1P-1-1-

9/1

2737

9/4

2738

8/31

2739

I

12

CHECK

~~CT. 9545~~

PI. 215.936 (1962 run)

2740

8/30

L

34

*Mittig, steep, rather
short and broad for
lyd.*

W

W

911

all
iodine

I
12

8134

8/30

✓

Q572A3-47-3-1P-3-1

8131

8143

9/1

✓

8/30

✓

9/1

✓

8131

✓

B572A3-47-3-N-3-3

8/31

8145

8145		ok Iodine	B572A3-47-3-1P-3-3-2	8/30	2749
✓	milly/ric with shot.	I 12		3 8/30	2750 Pam HV
✓	W-50 kg. Lg. Str. hull.			8/30	2751
✓				9/1	2752
8149			B572A3-47-3-3P-1-3	9/7	2753
✓	Red looking plant & grain.	L-I - 11		9/6	2754
✓	Red looking plant	Bull he		9/6	2755
✓	Very clear milky rice			9/5	2756

2757

B572A3-47-3-3P-1-3, PI. 215 936 X C. 9214
9/6 8/49

2758

B572A3-47-3-3P-2-1

9/4

8/50

2759

8/29

✓

2760

PI. 215, 936 (1962 Seed)
8/30

CHECK

2761

B572A3-47-3-3P-2-1

9/6

8/50

2762

9/1

✓

2763

9/6

✓

2764

B572A3-47-10-5-1-1

9/6

8/63

8163

B572A3-47-10-5-1-1

9/6

2765

✓

9/6

2766

✓

Lad

9/7

2767

✓

Too

9/3

2768

8189

B572A3-47-5-1P-3P.3

9/1

2769

✓

9/1

2770

✓

Sg. arbor and p. signi.

8/30

2771

✓

8/30

2772

alk
iodine

B572A3-47.5-1P3P-3

2773

8/29

8189

B573A1-2.5-2-1-1-1, P5.218936 X CI. 9402

2774

8/28

8204

L
44

2775

8/28

✓

2776

8/28

✓

2777

8/28

✓

2778

8/28

✓

B573A2-2.3-2

2779

8/31

8221

2780

Belle Patna

8/12

CHECK

8221	B573A2-2-3-2	DI.215936 X CI.8402 9/1	2781
✓		9/1	2782
✓	Talk the Bell P. Sub. gr. twisted.	9/1	2783
✓		9/1	2784
8226	B593A10-27-1-2, Bell P. X (CP.23, X B.13) X PT.21592	8/30	2785
✓		8/30	2786
✓	8 gr. nysc-	9/5	2787
✓	Old So.	8/31	2788

2789	B593A 10-27-1-2,	9/4	ack Indine	8226
2790	B593A 10-27-1-3	9/3		8231
2791		9/1		✓
2792		9/1		✓
2793		9/1		✓
2794		9/1		✓
2795	B571A 2-9-10-1-2-1-2, Pt. 25936 X (P.271 X C. 9/22)	8/30		8272
2796	<i>Black</i> <i>Shaw</i> <i>Gr. B. P. 10.</i> <i>vic. melleoide</i> <i>found slope.</i> <i>L</i> <i>34</i>	9/1		✓

alkali
Iodine

B571A2-9-10-1-2-1-2

8272

8/31

2797

✓

8/31

2798

✓

9/1

2799

CHECK

Bluebonnet-50

2800

L

28

HL

alk

2801	B571A1-40-4-2.2, P. 215936 X (P. 231 X C. 9122) 8/31	8274
2802	9/1	✓
2803	9/1	✓
2804	9/1	✓
2805	8/30	✓
2806	B586A1-10-2-2-1, B. 1950 X P. 215936 8/31	8276
2807	8/30	✓
2808	8/30	✓

all.
Iodine

f276

B586 A1-10-2.2-1

8/30

2809

✓

8/29

2810

f279

B586 A1-10-2.2-2

8/30

2811

✓

8/29

2812

✓

8/30

2813

✓

Sig. str. color, & gr.
size
rough.

8/25

2814

✓

8/30

2815

f285

B586 A3-2-3-1.3, (CP-22) $\frac{1}{3}$ x B68) $\frac{1}{2}$ x PI. 215, 936

8/30

2816

I

17

2817	B581A3-8-3-1.3 , (CP-231 X BBT) ₂ X PT. 215986 8/30	<i>alk</i> Iodine I	8285
2818	<i>Slater then CP-231 Lg. stem full mis parib. Bull. di. muddy in rather strong for Lg.</i> 9/1		✓
2819	<i>8/30</i>		✓
2820	CP-231 8/30	H 54	CHECK
2821	B581A3-8-3-1.3 8/30		8285
2822	B581A6-576-1-1 Bl. 9/7		8302
2823	<i>slabgy</i> 9/3		✓
2824	<i>Lg. tapered</i> 9/6		✓

8302	B58/AB-576-1-1.BK.	9/1	2825
✓		9/1	2826
8312	B58/AB-181-1.2-1	9/1	2827
✓		8/30	2828
✓	fg. gold shell slender gr., rather shd.	9/1	2829
✓	shd. shd.	9/1	2830
✓		8/30	2831
8321	B58/AB-181-1-4-2 CP-231 Ad.	8/30	2832

2833

B58/AG-181-1.4.2

9/1

P321

2834

8/30

✓

2835

8/31

✓

2836

8/31

✓

2837

B5580A1-15.2.3-3, CP.231 X SKO.17

8/30

P3P3

2838

8/29

✓

2839

8/28

✓

2840

Gulfone

8/22

CHECK

8383	B5580A/1-15-2-3-3 Seg. color	CP-231 8/30	X S20-17 2841
✓	Short Straw.	9/2	2842
8409	B561A 3-22-3-1, X, CP-231 Dn X Rex.	8/31	2843
✓	Too tall gr. rather wh. for seg.	8/31	2844
✓		9/1	2845
✓		8/30	2846
✓		8/31	2847
8423	P74-13T-2T-1P [CP950XCP-231) X 250-22] X (250-Mag)	8/30	2848

Very Tall

alkali
sodine

2849

P 74-13T. 2T. 1P [B 50 x CP-2X] X 250-2.2 X (250 x MFAH)
8/31 8423

2850

8/30

✓

2851

very tall

8/30

✓

2852

8/30

✓

2853

P 88-7P-1T-3P

8/31

✓

8427

2854

8/30

✓

2855

HV

8/31

L
58

✓

2856

8/26

✓

Tall, 98, good hull.

alkali
Iodine

8427	P88-7P-1T-3P	8/29	2857
8446	P115-2P-2P-6P, B18-50 X P105	9/1	2858
✓		9/1	2859
CHECK	Bluebonnet-50	9/13	2860
8446	P115-2P-2P-6P,	9/2	2861
✓	✓	9/1	2862
✓	✓	9/3	2863
8464 8457	P122-3P-6P-3P $\left[(19122 \times 2450) \times 250 \cdot 2 \right] \times (250 \times 2450)$	9/8	2864
	$\frac{(46)}{45}$		Page Hv

2865	<i>alkali iodine</i> P122-3P-6P-3P - [(P122 X B61.50) X 250.22] X (250 X 77.5) 9/8 P464 P457
2866	<i>very fine. v. clear smelted min.</i> 9/9 ✓
2867	<i>SD. SD. very fine. clear ball. S. study. v. clear smelted min. size & shape good.</i> 9/7 ✓ L 45
2868	<i>SD. SD. very fine. clear ball. S. study. v. clear smelted min. size & shape good.</i> 9/9 ✓
2869	P122-2T-2T-5P 9/7 ✓ P475 P464
2870	<i>SD. SD. very fine. clear ball. S. study. v. clear smelted min. size & shape good.</i> 9/9 ✓
2871	9/10 ✓
2872	<i>SD. SD. very fine. clear ball. S. study. v. clear smelted min. size & shape good.</i> 9/9 ✓

alkali
iodine

8464

P122. 27. 27. 5P

~~(33)~~

L

30

9/8

2873

Pore

HV

8475

B5813AF-3-1-1-2-1-1

PT. 215936 X Lat.

8/23

2874

~~(37)~~

L

43

HV

✓

8/25

2875

✓

8/25

2876

✓

8/25

2877

7/28

✓

8/24

2878

8476

B5813AF-3-1-1-2-2

8/29

2879

CHECK

PT. 215,936 (1962 2nd)

8/30

2880

2881	B5813AS-3-1.1.2 2, p5.215936 8/30	X Lac. 8476
2882	8/30	✓
2883	8/30	✓
2884	8/29	✓
2885	B5813AS-3-1.1.2.3 8/30	8477
2886	8/28	✓
2887	8/29	✓
2888	8/29	✓

alkali
Iodine

8477

B5813 AF. 3. 1. 2. 3

8/29

2889

8478

B5813 AF. 10. 1. 2. 1

8/30

2890

✓

8/30

2891

✓

No Pt. coloring.
Mgt. maybe too tall

~~(34)~~

8/30

2892

L

Hv

45

✓

No Pt. coloring.
Mgt. maybe too tall

~~(34)~~

8/28

2893

L

Hv

42

✓

8/30

2894

8505

B5813 AF. 12. 5. 1. 3

8/30

2895

✓

No color
Sgt. No Pt.

~~(33)~~

8/30

2896

L

Hv

48

			alkali Iodine	
2897	B5813A12.5.1-3	8/30		8505
2898	Drosha then into in milk and sample	8/30	(33) L 48	✓
2899		8/30		✓
2900	Nato	8/30	L 69	CHECK

Alkali
Iodine

8507

B5813 A12.6.1.3

Pt. 215936 X Lac

8/24

2901

8/26

2902

8/27

2903

8/24

2904

HV

8/24

2905

8587

~~B5818 A15.3.1.3, Alfano X Pt. 215936~~

A long grain Plo.

9/15

2906

Sel. from the
above cross.

9/15

2907

9/15

2908

Wgt. about 10
long grain.
Possibly longer than 11/16

(30)

L
52all long gr. type
this must be an
error

2909

B56171734.5.5.2, Rep $\frac{1}{2}$ X Pt. 183331
8662

9/7

2910

Seg. for left & color

9/13

✓

2911

Seg. for left & color

9/11

✓

2912

Seg. for left & color

9/7

✓

2913

B585A 1-28-3, B4850 X Drive

9/13

8676

2914

Charles the B.W. 20.
Clarity still in the left.

9/9

✓

2915

Seg. for left & color
Seg. for left & color

9/13

✓

2916

Seg. for left & color
Seg. for left & color

9/13

✓

*Alkali
Iodine*

8676

B585A1-28-1-3

9/13

2917

8677

B585A1-61-1-2-3-3

2918

✓

2919

CHECK

Bluebonnet - 50

9/12

2920

L

20

40

8677

B585A1-61-1-2-3-3

2921

✓

2922

✓

*taller & later than
B585A1-61-1-2-3-3
v. long pan.
larger fr. than B585A1-61-1-2-3-3
Seg. D.*

9/15

2923

8682

B585A1-69-1-1

9/10

2924

			Alkali Iodine	
2925	B585A1.69-1.1	9/13	B4850 X	Dimer 8682
2926	light	9/14		✓
2927	light Hv	9/8	(15) L 19	✓
2928	light Dimer grain	9/11		✓
2929	B585A1.93-1.1	9/16		8692
2930	light			✓
2931	light			✓
2932	light	9/16	(19) L 25	✓

8692	B585A 1.93.1.1.1	all. Iodine	Bb850 X Dima	2933
8751	B584A 1.16.5.28.1.1	(22) L 24	Bb850 X Joju lla	2934
✓		-2 9/13		2935
✓		L 24		
✓		-3 9/13		2936
✓	fairly uniform across Bb850 M. or shorter.	L 24		
✓		-4 9/13		2937
✓		L 22		
		-5 9/13		2938
8752	B584A 1-16.5.28.1.3-1	L 22		
		(22) L 20	9/12	2939
CHECK		JoJuTLA	9/8	2940

Hu

			<i>alk</i> <i>Iodine</i>	
2941	B584A1-16.5-20X-1.3-2	9/13	(22) L 22	Alt 50 X Fujitsu 8752
<i>Par</i> <i>He</i>				
2942	<i>high uniform wear.</i>	9/13	L 22	✓
<i>Par</i> <i>He</i>	<i>lowly & dark B. 5th</i>			
2943	<i>possibly & dark B. 5th</i>	9/13	L 23	✓
<i>Par</i> <i>He</i>	<i>possibly wear.</i>			
2944		9/13	L 23	✓
<i>Par</i> <i>He</i>				
2945	B584A1-16.5-20X-1.5	9/15		8754
2946	<i>as uniform</i>	9/16		✓
2947	<i>rather good as uniform</i>	9/16		✓
	<i>as other sets.</i>			
2948		9/14		✓

8754	all. Iodine B584A 1-16.5-20-1.5, B58-50 X Tjintla	9/14	2949
8830	B582A 1-62.3-1-2.2-1, CP-231 X Tjintla Earlier & latter than other was later. (48) $\frac{I}{-I}$ 2.4	9/1	2950
✓	(48) $\frac{I}{-I}$ 4.1	9/8	2951
✓	(48) $\frac{I-H}{-H}$ 5.4	9/7	2952
✓	$\frac{I-H}{-H}$ 5.4	9/8	2953
✓	$\frac{H}{-H}$ 5.9	9/8	2954
9030	B6113A 2.77-1-2-1, B61-50/4 X G.R.	9/13	2955
✓	-2	9/12	2956

2957	B6113A 2.77.1-2-3	B6150/4 X G.R.	9/12	9030
2958	-4		9/13	✓
2959	-5		9/13	✓
2960	Bluchonet - 50		9/13	CHECK
2961	B6113A 2.77.3-1-1		9/13	9035
2962	-2		9/11	✓
2963	-3		9/13	✓
2964	-4		9/13	✓

9035	B6113A2.77.3.1.5	B61450/4 X Sullivan 9/13	2965
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9039	B6113A2.77.4-2.1	9/13	2966
------	------------------	------	------

✓	-2	9/12	2967
---	----	------	------

✓	-3	9/12	2968
---	----	------	------

✓	-4	9/12	2969
---	----	------	------

✓	-5	9/13	2970
---	----	------	------

9050	B6113A 2.66.1.3-1	9/12	2971
------	-------------------	------	------

✓	-2	9/13	2972
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2973	B6113A2.66.1.3.3 9/13	9050
2974	-4 9/13	✓
2975	-5 9/12	✓
2976	B6130A1.2-1, B563A1A.2 X (B6A-50/4 X G.R.) PLT. Sel. 9/7 V. sh. ls. 7.5 ft thick Ls. sp. X. Ep-131 dwarf. no solid internodes.	6636 PLT. Sel. SOLID INTERNODE?
2977	B6113A2.8.1.5-1, B6A-50/4 X G.R. 9/14	5319
2978	-2 9/13	✓
2979	-3 9/13	✓
2980	Gulphore 8/23	CHECK

5319

B6113A 2.8.1.5.4

9113

2981

✓

-5

9115

2982

5337

B6113A 2.8.2.3-1

9113

2983

✓

-2

9113

2984

✓

-3

9112

2985

✓

-4

9113

2986

✓

-5

9113

2987

5349

B6113A 2.8.2.15-1

9113

2988

2989	B6113A 2.8.2.15.2	9/14	B61-50/4 X G.R. 5349	
2990		-3 9/13		✓
2991		-4 9/13		✓
2992		-5 9/12		✓
2993	B6113A 2.8.3.8.1	9/11	5363	
2994		-2 9/13		✓
2995		-3 9/13		✓
2996		-4 9/13		✓

5363

B6113A2.2.3-8-5

9/12

2997

5379

B6113A2.25-1-5-1

9/11

2998

✓

-2

9/12

2999

CHECK

Bluebonnet 50

9/14

3000

5399

B6113A2.25-1-5-3

-4

✓

5

✓

-6

~~5399~~

38
3001

B6113A 2-25-1-5-3

9/13

~~5394~~
5379

3002

4

9/12

✓

3003

5

9/13

✓

3004

B6113A 2-25-1-19-1

9/14

53946

3005

- 2

9/12

✓

3006

- 3

9/14

✓

3007

- 4

9/14

✓

3008

- 5

9/13

✓

5402

B6113A2.25-2.6-1

B19594 XGR.

9/13

3009

✓

-2

9/13

3010

✓

-3

9/13

3011

✓

-4

9/12

3012

✓

-5

9/11

3013

5423

B6113A2.25-3-6-1

9/11

3014

✓

-2

9/9

3015

✓

-3

9/10

3016

See manually. A. 9. 10. 11.
 on error 9.

3017	B6113A 2-25-3-6-4	9/11	5423
------	-------------------	------	------

3018	-5	9/13	✓
------	----	------	---

3019	B6113A 2-25-3-16-1	9/12	5433
------	--------------------	------	------

3020	Dufford	8/22	CHECK
------	---------	------	-------

3021	B6113A 2-25-3-16-2	9/11	5433
------	--------------------	------	------

3022	-3	9/12	✓
------	----	------	---

3023	-4	9/12	✓
------	----	------	---

3024	-5	9/12	✓
------	----	------	---

5439	B6113A2.25-4-2-1	9/11	3025
✓	-2	9/11	3026
✓	-3	9/11	3027
✓	-4	9/11	3028
✓	-5	9/11	3029
5442	B6113A2.25-4-4-1	9/11	3030
✓	-2	9/11	3031
✓	-3	9/10	3032

3033

B6113A 2-25-4-4-4

9/11

5442

3034

-5

9/11

✓

3035

B6113A 2-25-4-15-1

9/10

5453

3036

-2

9/11

✓

3037

-3

9/12

✓

3038

-4

9/12

✓

3039

-5

9/12

✓

3040

Bluebanned -50

9/11

CHECK

5461	B6113A2-25-5-2-1 , B6850/4 X 2A.	9/11	3041
✓	- 2	9/11	3042
✓	- 3	9/12	3043
✓	- 4	9/12	3044
✓	- 5	9/11	3045
5465	B6113A2-25-5-6-1	9/13	3046
✓	- 2	9/13	3047
✓	- 3	9/12	3048

3049

B6113 A2-25-5-6-4

9/13

5465

3050

-5

9/12

✓

3051

B6113 A2-25-5-12-1

9/12

5471

3052

-2

9/11

✓

3053

-3

9/11

✓

3054

-4

9/12

✓

3055

-5

9/11

✓

3056

B6113 A2-25-6-1-1

9/11

5481

5481	B6113A2-25-6-1-2	9/14	3057
✓	-3	9/13	3058
✓	-4	9/11	3059
CHECK	<i>Gulfrose</i> 8/22		3060
5481	B6113A2-25-6-1-5	9/13	3061
5482	B6113A2-25-6-2-1	9/13	3062
✓	-2	9/13	3063
✓	-3	9/12	3064

3065

B6113A2.25.6.2.4

9/13

5482

3066

-5

9/14

✓

3067

B6113A2.70.1.19-1

9/13

5521

3068

-2

9/11

✓

3069

-3

9/11

✓

3070

-4

9/12

✓

3071

-5

9/11

✓

3072

B6113A2.70.2.6-1

9/11

5528

5528 ⁷⁰ B6113A2. ~~20~~ 2.6.2 9/12 3073

✓ -3 9/11 3074

✓ -4 9/12 3075

✓ -5 9/13 3076

5539 B6113A 2.70.2.17.1 9/14 3077

✓ -2 9/14 3078

✓ -3 9/14 3079

CHECK Bluebird -50 9/13 3080

3081	B6113A 2.70.2.12-4	9/14	5539
3082	-5	9/14	✓
3083	B6113A 2.70.3.9-1	9/12	5552
3084	-2	9/11	✓
3085	-3	9/13	✓
3086	-4	9/11	✓
3087	-5	9/13	✓
3088	B6113A 2.70.4.4-1	9/14	5568

5568	B6113A2-70.4-4-2	9/14	3089
✓	-3	9/14	3090
✓	-4	9/14	3091
✓	-5	9/13	3092
5578	B6113A2-70.4-14-1	9/13	3093
✓	-2	9/13	3094
✓	-3	9/11	3095
✓	-4	9/13	3096

3097

B6113A2.70.4.14-5

9/13

5578

3098

B6113A2.72.1.1.1

9/13

5586

3099

-2

9/12

✓

3100

Gulfport

8/22

CH&H

5586

B6113A2.72.1.1.3

B618-50/4 X GR.

9/13

3101

✓

-4

9/12

3102

✓

-5

9/11

3103

5589

B6113A2.72.1.4.1

9/14

3104

✓

-2

9/14

3105

✓

-3

9/13

3106

✓

-4

9/13

3107

✓

-5

9/13

3108

3109

B6113A 2.72.1-11-1

9/11

5596

3110

-2

9/12

✓

3111

-3

9/11

✓

3112

-4

9/11

✓

3113

-5

9/11

✓

3114

B6113A 2.72.2.14-1

9/11

5618

3115

-2

9/11

✓

3116

-3

9/10

✓

5618

B6113A2.72.2.14.4

9/9

3117

✓

-3

9/11

3118

5627

B6113A2.72.3.2.1

9/11

3119

CHECK

Blackberry -50

9/13

3120

5627

B 6113A2.72.3.2.2

9/12

3121

✓

-3

9/12

3122

✓

-4

9/11

3123

✓

-5

9/11

3124

3125	B6113A 2.72.4.2-1	B6150/4 X M.R.	9/12	5648
3126	-2		9/13	✓
3127	-3		9/11	✓
3128	-4		9/11	✓
3129	-5		9/11	✓
3130	B6113A 2.72.4.15-1		9/11	5662
3131	-2		9/11	5662
3132	-3		9/8	✓

5662

B6113A2.72.4-15.4

9/13

3133

✓

-5

9/12

3134

5683

B6113A2.72.5-14.1

9/11

3135

✓

-2

9/13

3136

✓

-3

9/12

3137

✓

-4

9/12

3138

✓

-5

9/11

3139

CHECK

Sulfur

8/24

3140

3141

B6113A2.72.6.5-1

9/11

~~5695~~
5695

3142

-2

9/11

5695

3143

-3

9/11

✓

3144

-4

9/13

✓

3145

-5

9/12

✓

3146

B6113A2.72.6.11-1

9/12

5702

3147

-2

9/12

5702

3148

-3

9/11

✓

5702

B6113A2.72.6-11.4 , B1950/4 XG.4.

9/11

3149

✓

-5

9/14

3150

5723

B6113A2.73.1.12-1

9/11

3151

5723

-2

9/12

3152

✓

-3

9/11

3153

✓

-4

9/11

3154

✓

-5

9/11

3155

5726

B6113A2.73.1.15-1

9/11

3156

3157	B6113A2.73.1.15.2	9/11	5726
3158	-3	9/12	✓
3159	-4	9/13	✓
3160	Bleekmann A-50	9/13	CHECK
3161	B6113A2.73-1.15.5	9/13	5726
3162	B6113A2.73-2.2-1	9/12	5734
3163	-2	9/14	✓
3164	-3	9/12	✓

5734	B6113A2.73.2 2.4 ,	B6113A2.73.2 50/4 X G.R.	9/11	3165
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✓		-5	9/12	3166
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5747	B6113A2.73.2-14-1		9/11	3167
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✓		-2	9/11	3168
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✓		-3	9/11	3169
---	--	----	------	------

✓		-4	9/13	3170
---	--	----	------	------

✓		-		
✓		-5	9/12	3171

5756	B6113A 273-3-3-1		9/12	3172
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3173	B6113A2. 73-3-3-2	9/12	5756
3174	-3	9/13	✓
3175	-4	9/11	✓
3176	-5	9/14	✓
3177	B6113A2. 73-3-17-1	9/11	5771
3178	-2	9/12	✓
3179	-3	9/13	✓
3180	Gulfrose	2/24	CHECK

5771	B6113A2.73.3.17.4	BPS 50/4 X G.R.	9/12	3181
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✓		-5	9/12	3182
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5779	B6113A2.73.4.3-1		9/13	3183
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✓		-2	9/12	3184
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✓		-3	9/12	3185
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✓		-4	9/12	3186
---	--	----	------	------

✓		-6	9/14	3187
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5804	B6113A2.73.5.6-1		9/13	3188
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3189

B6113 A 2.73-5-6-2

9/14

5804

3190

⁻³
9/13

✓

3191

⁻⁴
9/13

✓

3192

⁻⁵
9/14

✓

3193

B6113 A 2.73-6-6-1

9/14

5828

3194

⁻²

9/14

✓

3195

⁻³

9/12

✓

3196

⁻⁴

9/14

✓

5828

B6113A 2-73-6-6-5,

B6113A 2-73-6-6-5, XGR.
9/14 3197

5841

B6113A 2-73-6-18-1

9/14

3198

✓

-2

9/15

3199

CHECK

Bluebonnet X-50

9/17

3200

3201	B6113A2.73.6.18.3, 9/14	B6113A2.73.6.18.3, 50/4 X G.R. 5841	
3202	-4 9/11		✓
3203	-5 9/14		✓
3204	B6113A2.81.1.5.1 9/14	5850	
3205	-2 9/14		✓
3206	-3 9/14		✓
3207	-4 9/12		✓
3208	-5 9/11		✓

5866

B6113A 2.81.1.20.1

9/12

3209

✓

-2

9/13

3210

✓

-3

9/13

3211

✓

-4

9/14

3212

✓

-5

9/12

3213

5870

B6113A 2.81.2.4.1

9/14

3214

✓

-2

9/14

3215

✓

-3

9/13

3216

3217	B6113A 2.81.2.4.4	9/14	5870
3218	-5	9/14	✓
3219	B6113A 2.81.2.14.1	9/12	5881
3220	Gulrose	8/24	CHECK
3221	B6113A 2.81.2.14.2	9/11	5881
3222	-3	9/9	✓
3223	-4	9/11	✓
3224	-5	9/12	✓

5901	B6113A 2-81-3-13-1	9/12	3225
------	--------------------	------	------

✓	-2	9/14	3226
---	----	------	------

✓	-3	9/14	3227
---	----	------	------

✓	-4	9/14	3228
---	----	------	------

✓	-5	9/13	3229
---	----	------	------

5922	B6113A 2-81-4-13-1	9/13	3230
------	--------------------	------	------

✓	-2	9/14	3231
---	----	------	------

✓	-3	9/12	3232
---	----	------	------

3233	B6113A2.81.4.13-4	9/13	5922
3234	-5	9/13	✓
3235	B6113A2.81.5.5.1	9/11	5934
3236	-2	9/13	✓
3237	-3	9/11	✓
3238	-4	9/6	✓
3239	-5	9/11	✓
3240	Bluebonnet-50	9/11	CHECK

5942	B6113A 2.81.5-12.1	9/12	3241
------	--------------------	------	------

✓	-2	9/9	3242
---	----	-----	------

✓	-3	9/11	3243
---	----	------	------

✓	-4	9/11	3244
---	----	------	------

✓	-5	9/10	3245
---	----	------	------

5954	B6113A 2.81.6.5.1	9/10	3246
------	-------------------	------	------

✓	-2	9/11	3247
---	----	------	------

✓	-3	9/9	3248
---	----	-----	------

3249

B6113A 2.81.6.5.4

9/13

5954

3250

-5

9/13

✓

3251

B6113A 2.81.6.6.1

9/13

5955

3252

-2

9/14

✓

3253

-3

9/13

✓

3254

-4

9/8

✓

3255

-5

9/9

✓

3256

B6113A 2.81.6.17-1

9/8

5967

5967

B6113A2.81.6.17.2

BL259/4 XGA.

9/9

3257

✓

-3

9/12

3258

✓

-4

9/10

3259

(CHECK

Sulfone

8/23

3260

5967

B6113A2.81.6.17.5

9/12

3261

5983

B6113A2.82.1.11.1

9/9

3262

✓

-2

9/11

3263

✓

-3

9/11

3264

3265

B6113A2.81.1-11-4

9/12

5983

3266

-5

9/12

✓

3267

B6113A2.82.3-18-1

9/11

6031

3268

-2

9/11

✓

3269

-3

9/11

✓

3270

-4

9/11

✓

3271

-5

9/8

✓

3272

B6113A2.82.4-11-1

9/11

6045

6045	B6113A2.82-4-11.2	9/9	3273
------	-------------------	-----	------

✓	-3	9/11	3274
---	----	------	------

✓	-4	9/10	3275
---	----	------	------

✓	-5	9/12	3276
---	----	------	------

6075	B6113A282.5-20.1	9/9	3277
------	------------------	-----	------

✓	-2	9/9	3278
---	----	-----	------

✓	-3	9/9	3279
---	----	-----	------

CHECK	Bluechart V-50	9/11	3280
-------	----------------	------	------

3281

B6113A 2.82.5.20-4

9/9

6075

3282

-5

9/10

✓

3283

B6113A 2.82.6-3-1

9/7

6079

3284

-2

9/8

✓

3285

-3

9/11

✓

3286

-4

9/13

✓

3287

-5

9/11

✓

3288

B6113A 2.82.6-8-1

9/9

6085

6085 B6113A2.82.68.2 B6150/4 X L.R. 9/8 3289

✓ -3 9/11 3290

✓ -4 9/7 3291

✓ -5 9/8 3292

6092 B6113A2.82.6-15-1 9/11 3293

✓ -2 9/13 3294

✓ -3 9/9 3295

✓ -4 9/10 3296

3297

B6113A2.82.6.15-5

9/11

6092

3298

B6113A2.88.1.9-1

9/12

6101

3299

-2

9/12

✓

3300

Gulfrose

8/24

CHECK

6101	B6113A2.88.1.3-3		9/17	3301
✓		-4	9/14	3302
✓		-5	9/14	3303
6132	B6113A2.88.2.12.1			3304
✓		-2	9/14	3305
✓		-3		3306
✓		-4	9/14	3307
✓		-5	9/14	3308

3309

B6113A 2-8f-3-1-1

9/13

6/44

3310

-2

9/12

✓

3311

-3

9/11

✓

3312

-4

9/12

✓

3313

-5

9/12

✓

3314

B6113A 2-8f-4-2-1

9/12

6/67

3315

-2

9/13

✓

3316

-3

9/13

✓

6167	B6113A2-88.4.2.4	9/13	3317
✓	-5	9/13	3318
6183	B6113A2-88.4.17-1	9/11	3319
CHECK	Blueberry-50	9/13	3320
6183	B6113A2-88.4.17.2	9/11	3321
✓	-3	9/12	3322
✓	-4	9/11	3323
✓	-5	9/11	3324

3325	B6113A2.8f-5-3-1	9/11	6/94
3326		-2 9/10	✓
3327		-3 9/11	✓
3328		-4 9/11	✓
3329		-5 9/13	✓
3330	B6113A2.8f-5-11-1	9/13	6203
3331		-2 9/12	✓
3332		-3 9/12	✓

6203

B6113A2-88-5-11-4 ,

B6150/4 X 2.R.

9/12

3333

✓

5

9/13

3334

6228

B6113A2-88-6-13-1

9/11

3335

✓

-2

9/12

3336

✓

-3

9/12

3337

✓

-4

9/11

3338

✓

-5

9/12

3339

CHECK

Gulprose

8/22

3340

3341

B6113A2-90-1-6-1

9/11

6247

3342

- 2

9/11

✓

3343

- 3

9/11

✓

3344

- 4

9/11

✓

3345

- 5

9/10

✓

3346

B6113A2-90-1-19-1

9/10

6261

3347

- 2

9/10

✓

3348

- 3

9/10

✓

6261

B6113A2-90-1-19-4,

B6113A2-90-1-19-4 X 2.5

9/11

3349

✓

-5

9/10

3350

6273

B6113A2-90-2-7-1

9/11

3351

✓

-2

9/12

3352

✓

-3

9/11

3353

✓

-4

9/11

3354

✓

-5

9/11

3355

6292

B6113A2-90-3-2-1

9/10

3356

3357	B6113A2.90.3.2.2	9/10	6292
3358	-3	9/11	✓
3359	-4	9/11	✓
3360	Blackhennet-50	9/11	CHECK
3361	B6112A2.90.3-2.5	9/12	6292
3362	B6113A2.90.3.13.1	9/11	6304
3363	-2	9/12	✓
3364	-3	9/11	✓

6304	B6113A 2.90.3.13.4 ,	B6113A 50/4 X G.R.	9/11	3365
✓		-5	9/12	3366
6309	B596A5.9.3 ,	B6113A 50/3 X G.R.	9/12	3367
✓	✓		9/13	3368
✓	✓		9/11	3369
✓	✓		9/12	3370
	Eg. mat.			
✓	✓		9/11	3371
6318	B6113A 2.90.4.4.1 ,	B6113A 50/4 X G.R.	9/12	3372

3373

B6113A 2.90.4.4.2

B6450/4 XLR.

9/12

6318

3374

-3

9/11

✓

3375

-4

9/13

✓

3376

-5

9/13

✓

3377

B6113A 2.90.4.15.1

9/13

6330

3378

-2

9/11

✓

3379

-3

9/11

✓

3380

Sulfone

8/20

CHECK

6330

B6113A2-90-4-15-4

9/13

3381

✓

-5

9/11

3382

6338

B6113A2-90-5-1-1

9/12

3383

✓

-2

9/12

3384

✓

-3

9/12

3385

✓

-4

9/13

3386

✓

-5

9/14

3387

6363

B6113A2-13-1-2-1

9/14

3388

3389	B6113A 2-13-1.2.2	9/12	6363
3390	-3	9/13	✓
3391	-4	9/13	✓
3392	-5	9/12	✓
3393	B6113A 2-13-1.8.1	9/12	6369
3394	-2	9/13	✓
3395	-3	9/13	✓
3396	-4	9/12	✓

6369	B6113A 2.13.1.8.5 ,	BAS 5/4 X HA. 9/13	3397
------	---------------------	-----------------------	------

6427	B6113A 2.44.1.3-1	9/12	3398
------	-------------------	------	------

✓	-2	9/11	3399
---	----	------	------

CHECK	Bluebonnet - 50	9/14	3400
-------	-----------------	------	------



mid day

H.V

2920

27

32

34

✓

44

50

✓

54

10-25 mid day

2400

88

99

2500

H. 10-7

2020

60

2110

2144

46

47

75

76

2200

20

40

60

80

2340

H. 10-7

2357-62 (omit 60) Bulk

²³⁶⁰
2363-67 Bulk

2368-72 Bulk

2389

2394-98 Bulk

2399-2404 Bulk

2420

2480

H. 10-11

2539

40

41

43

44

2545-49 Bulk

2550-54 Bulk

2556

57

59

60

61

64

65

68

69

70

72

73

74

75

2576

77

78

79

80

81

92

93

97

2602

71

23

26

35

43

70

72

79

80

81-85 Bulk

86-90 Bulk

2696-99 Bulk

2706

2728

39

49

71

50

53-57 Bulk

74-78 Bulk

95-99 Bulk

2800

²⁰
16-21 Bulk

55

64

67

73

74

92

93

96

98

2900-2904

CR FORM
APR. 1962 6

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

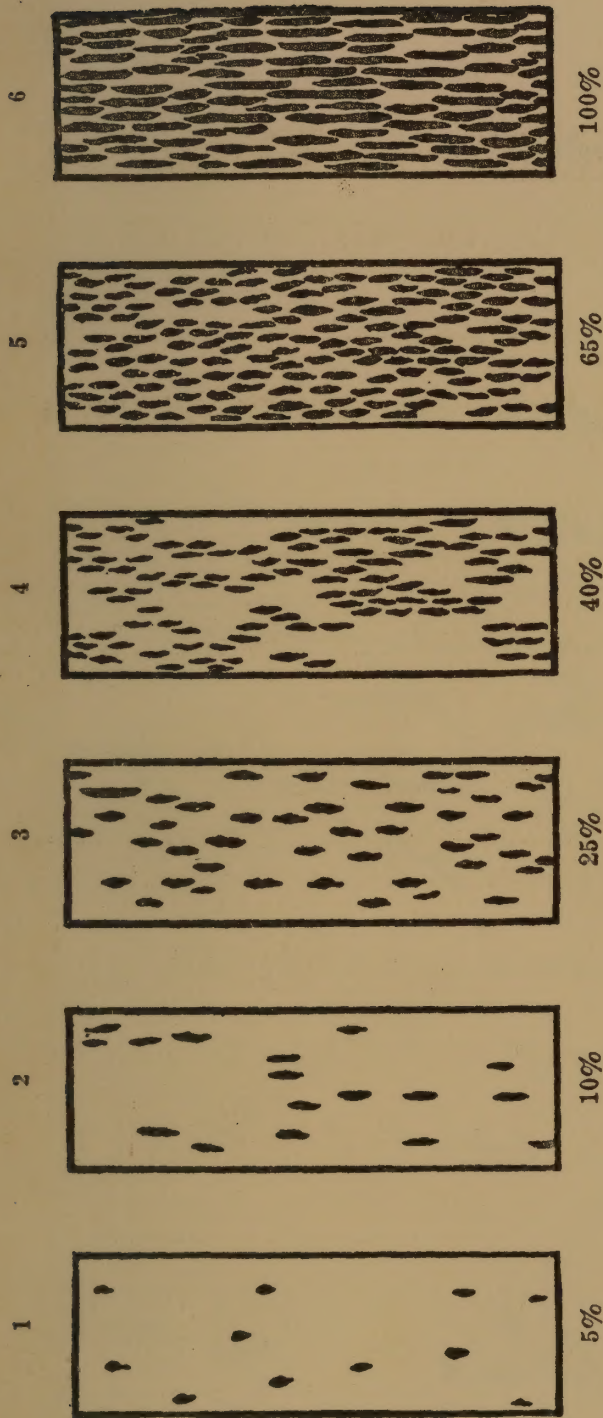


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

DR. ATKINS' MATERIAL

BEGINS ON No. 3449

page 4 r. ENDS No. 3526

VARIETIES FROM F.A.O. BLAST
NURSERY

NEW INTRODUCTIONS

1964 Belts Nos.

BEGINS 3527 (page 9)
END 3572

Plant Selection from Bulk
Populations of Bb-59 X Tajima
3573 - (page 12)
3800

F₃ LINES

Nos. 3801 - 4460
page 27

F₂ Populations Page 70
4501 - 4800

Bulk F₂ Pops. page 89
4801 -

3401

B6113A 2.44.1-3-3, ~~BPA~~-50/4 X R.R.

9/16

6427

3402

-4

9/16

✓

3403

-5

9/13

✓

3404

B6113A 2.44.1-7-1

9/13

6431

3405

-2

9/14

✓

3406

-3

9/14

✓

3407

-4

9/14

✓

3408

-5

9/12

✓

6456	B6113A 2-49-1-1-1	9/11	3409
------	-------------------	------	------

✓	- 2	9/11	3410
---	-----	------	------

✓	- 3	9/12	3411
---	-----	------	------

✓	- 4	9/12	3412
---	-----	------	------

✓	- 5	9/11	3413
---	-----	------	------

6466	B6113A 2-49-1-9-1	9/10	3414
------	-------------------	------	------

✓	- 2	9/11	3415
---	-----	------	------

✓	- 3	9/11	3416
---	-----	------	------

3417	B6113A2-49.1.9.4	9/10	6466
3418	-5	9/12	✓
3419	B6113A2-49.1-17-1	9/11	6473
3420	Bluebonnet-50	9/11	CHECK
3421	B6113A2-49.1.17-2	9/9	6473
3422	-3	9/11	✓
3423	-4	9/11	✓
3424	-5	9/10	✓

6489

B6113A 2.50.1.1.1

B1950/4 X 2.R

9/13

3425

✓

-2

9/12

3426

✓

-3

9/12

3427

✓

-4

9/13

3428

✓

-4

9/14

3429

6517

B6113A 2.50.1.28-1

9/13

3430

✓

-2

9/12

3431

✓

-3

9/11

3432

3433	B6113A 2.50.1.28.4	9/12	6517
3434	-5	9/13	✓
3435	B6113A 2.75.1.12.1	9/13	6535
3436	-2	9/13	✓
3437	-3	9/11	✓
3438	-4	9/13	✓
3439	-5	9/12	✓
3440	Blueshannel-50	9/13	CHECK

6617	B6122B BH-1-1	BPH 50/2 X 8/31	Tajutla 3441
✓	↑	-2 8/30	3442
✓	↷	-3 8/29	3443
✓	Wrong identification; many plants have red stems!	-4 8/29	3444
✓	↷	-5 8/26	3445
✓	↷	-6 8/29	3446
✓	↓	-7 8/26	3447
CHECK		TOJUTLA 10/7	3448

			alt. Jodine	
3465 —	G.S. 336 PT. 294 340	(India)		24
3466 —	BR 7 PT. 294 341	(India)		25
3467 1	BR 24 PT. 294 342 HV. 9/17	(India) 8/18	I II	26
3468 —	221/BCIV/I/178/6 PT. 294 344	(Indonesia) 10/6		28
3469 —	221/BCIV/I/178/7 PT. 294 345	(") 10/5		29
3470 —	221/BCIV/I/45/10 PT. 294 346	(") 10/5		30
3471 —	221/BCIV/I/178/11 PT. 294 347	(") 10/5		31
3472 —	221/BCIV/I/178/13 PT. 294 348	(") 10/8		32

alt
Sedine

33	221/BCIV/I/178/3 (Indonesia)			3473
	PI. 294349	10/5		
34	221/BCIV/I/45/8 (")			3474
	PI. 294350	10/5		
35	'Zuiho' (JAPAN)	9/8		3475
	PI. 294351			<i>Hv.</i>
		<i>L-I</i> 28		
36	'KANTO 53' (")	8/23		3476
	PI. 294352			
		<i>L</i> 44	Hv. 9/17	
37	'GINMASARI' (")	8/22		3477
	PI. 294353			
		<i>L</i> 52	Hv. 9/17	
38	'NORIN 18' (")	9/5		3478
	PI. 294354			
		<i>L</i> 40	Hv. 10/11	
39	'FUJISAKA 5' (")	8/8		3479
	PI. 294355			
		<i>L</i> 38	Hv. 9/17	
40	'HAKKEDA' (")	8/10		3480
	PI. 294356			
		<i>L</i> 47	Hv. 9/17	

3481

'AIMASARI'

PI. 294357

Hv. 9/17

(JAPAN)

8/14

41

*all
Iodine*L
42

3482

'KINMAZE'

(")

8/30

42

PI. 294358

Hv. 10/1

L
51

3483

'SASASHIGURE'

(")

PI. 294359

8/8

43

Hv. 9/17

L
54

3484

'NORIN 29'

(")

8/15

44

PI. 294360

Hv.

L
45

3485

'NORIN 22'

(")

PI. 294361

8/23

45

Hv. 9/17

L
39

3486

'KOSHiji WASE'

(")

PI. 294362

8/8

46

Hv. 9/17

L
42

3487

'NORIN 41'

(")

PI. 294363

8/15

47

Hv. 9/17

L
49

3488

'AKEBONO'

(")

PI. 294364

9/5

48

Hv. 10/1

L
46

all
Iodine

49	'MATSU-NISHIKI' (Japan) PI. 294365	L 47	Hv. 9/17	3489
50	MiHO-NISHIKI PI. 294366	L 40	(") 9/11 Hv. 10/11	3490
51	'TOZAN 38' PI. 294367	L 38	(") 8/29 Hv. 9/24	3491
52	'NORIN 25' PI. 294368	L 40	(") 8/22 Hv. 9/17	3492
53	'ACHEH' PI. 294369 <i>not headed 10-11</i>	L 40	(MALAYA)	3493
54	'PAN BIRA' (PAKISTAN) PI. 294370	L 11	8/21 Hv. 9/17	3494
57	'TILEK KATCHARY' (") PI. 294373 <i>not headed 10-18</i>			3495
58	DA-3/ PI. 294374		(") 10-10	3496

3497

'BENGAWAN'

(PHILIPPINES)

59

PT. 294375

10-8

3498

'TJERE MAS'

(")

60

PT. 294376

10-10

3499

B436

(")

61

PT. 294377

10-13

3500

'DUD KUNING'

(")

62

PT. 294378

10/4

all good					
64	'MILBURN 5 (3) (PHILIPPINES)	9/11	3501		
	PI. 294380				
	L	Hv. 10-11			
	23				
65	C 22	(-)	3502		
	PI. 294381	10/10			
66	'NANG THAY' (-)		3503		
	PI. 294382				
	not headed p. 18				
67	FK 165 (-)		3504		
	PI. 294383				
	not headed 10-28				
68	'TAIPEI 127 (TAIWAN)	8/29	3505		
	PI. 294384				
	L	Hv. 9/24			
	28				
69	'TAIPEI 306' (-)	8/30	3506		
	PI. 294385				
	L	Hv. 10/11			
	28				
73	'CHIANGUNG 242' (-)	8/29	3507		
	PI. 294389				
	L	Hv. 9/24			
	48				
74	'CHIANGUNG Yd 280' (-)	8/30	3508		
	PI. 294390				
	L	Hv. 10/11			
	35				

3509	'CHIANNAN 2'	(TAIWAN)	all Iodine		75
			9/8		
3510	'TAINAN 3'	(-)	Hv. 10/1		76
			9/1	L 24	
3511	'KAOHSIUNG 24'	(-)	Hv. 10/1		77
			9/1	L 33	
3512	'KAOHSIUNG 64'	(-)	Hv. 10/1		78
			8/30	L 37	
3513	'TAICHUNG 170'	(-)	Hv. 10/1		79
			8/30	L 44	
3514	'KAOHSIUNG TA-LI-CHIN-YU'	(-)	Hv. 10/1		80
			8/18	L 39	
3515	'TAIPEI WOO-CO	(-)	Hv. 9/17		81
			8/21	L-I 8	
3516	'I-KUNG - PAO	(-)	Hv. 9/17		82
			8/16	I 16	
				I 15	

83	'TAI TUNG WOO-TSAN' (TAIWAN) PI. 294399	<i>Alph. Iodine</i> I 13 Hv. 9/17	3517
84	'TSAI - YUAN - CHON' (") PI. 294400	L 9 Hv. 9/24	3518
85	'WOO-SEN' (") PI. 294401	I 10 Hv. 9/24	3519
90	'SAPAN KWAI 3' (THAILAND) PI. 294406	I 12 Hv. 10/1	3520
92	'WANG QUOT' (VIET NAM) PI. 294408 <i>not listed 10-28</i>		3521 —
97	'NANG QUOT' (") PI. 294413 <i>not listed 10-28</i>		3522 —
98	Amber PI. 294421	(Iraq) 9/15 I-I 28	3523 1001
99	PI. 294422	—	3524 —

END OF BLAST NURSERY Vars. 3526
 NEW INTRODUCTIONS BEGIN 3527 BETX POT NOS.

			all Iodine	
3525	PI. 294423 Hv. 9/17	8/27	I 11	100
3526	PI. 294424 Hv. 9/17	8/30	I 4	101
3527	A 24124 PI. 292169	(Philippines)		1
	not headed 10-28			
3528	No. 77 INHTA 6 PI. 294333	(INDIA)		17
3529	No. 83 T.K.M. 6 PI. 294337	(-)		21
	Hv. 1	10/1	L 19	
3530	No. 110 LATISAIL PI. 294337	(E. Pakistan)		✓
	10/1			
3531	No. 150 LATISAIL PI. 294371	(E. PAKISTAN)		55
	not headed 10-28			
3532	No. 151 PATNAI 23 PI. 294372	(-)		56
	not headed 10-28			

*all
iodine*

63

~~No. 173~~ FB-86 (PHILIPPINES)

3533

PI. 294379

not needed 10-28

70

~~No. 187~~ TAICHUNG 150 (TAIWAN)

3534

PI. 294386

9/6

Hv.

L

40

71

~~No. 188~~ TAICHUNG 155 ("")

3535

PI. 294387

9/6

Hv.

L

320

72

~~No. 189~~ TAICHUNG 181 ("")

3536

PI. 294388

9/11

Hv.

L

24

✓

✓

9/5

3537

✓

✓

9/5

3538

✓

✓

9/5

3539

✓

✓

9/5

3540

Redd. No. 181

alt.
Jodine

3541

~~No. 205~~ LEUANG YAI 34 (THAILAND)

86

PI. 294402

3542

~~No. 207~~ NAHNG MON 54 (-)

87

PI. 294403

3543

~~No. 211~~ MUEY NAWNG 62 (-)

89

PI. 294405

(4 seed)

3544

~~No. 216~~ LEUNG 28-1-14 (-)

91

PI. 294407

3545

~~No. 243~~ PUANG NGON (VIET NAM)

95

PI. 294411

3546

GAM PAI 30-12-15 (THAILAND)

114

PI. 294625

3547

LEUNG YAI 34 (-)

115

PI. 294626

Same as no. 3541 above, but different P.I. No.

3548

MUEY NAWNG 62 (-)

116

PI. 294627

(4 seed)

*all
Jodanis*

117 NIAW SAN PHATWANG (THAILAND) 3549
(4 seed) PT. 294628

118 PAH LEUAD 29-8-111 (") 3550
(11 seed) PT. 294629

119 NAHNG MON S-4 (") 3551
PT. 294630
Same as no. 3542 above, but diff. ^{P.I.} ~~no.~~

120 KHAO TAH HAENG 17 (") 3552
PT. 294631

122 LEUNG ANN 29 (") 3553
(11 seed) PT. 294633

124 DAN NHANG NAUM 29-4-91 (") 3554
PT. 294635

126 C-2 (PHILIPPINES) 3555
PT. 294578 9/19

28

1201

3556

9/13

Beck / 1/11

			alt. iodine	
3557	C-2 4 pr. 296578	(PHILIPPINES) 9/18	L	126
3558	✓	9/17		✓
3559	✓	9/14		✓
3560	✓	9/15		✓
3561	✓	9/13		✓
3562	✓	9/15		✓
3563	C-18 PI 296579 W	(") 9/18	L 21	127
3564	✓	9/17		✓

			<i>all. Iodine</i>		
127	C-18 PI. 296579		(PHILIPPINES) L	9/18	3565
✓		✓		9/18	3566
✓		✓		9/18	3567
128	C-74 PI. 296580		(") L 21	9/18	3568
✓		✓		9/19	3569
✓		✓		9/19	3570
✓		✓		9/19	3571
✓		✓		9/18	3572

Plant Selection from Bulk Populations

of BBT-50/2 X Fujioka.

F₅ Generation

1964 Bulk
No. - PLT. Sel. M.

3573

~~B6119A1-1 BX BX 1~~

~~B6119A1 X Fujioka~~

Noth!

9/1

1-1

int. dwarf.

3574

3573-3609 are probably not
B6119A but B6118A which
had X, B6118-50 and Red CP-231
in 5th covr.

-2

8/31

✓

int. dwarf.

3575

-2

9/5

1-2

3576

-3

9/1

1-3

3577

-4

8/31

1-4

I

Short

17

pon./plant

3578

-5

8/30

1-5

3579

-6

8/12

1-6

Seg. for red + white
Intern!

Int. Dwarf!

3580

B6119-50

✗

9/9

CHECK
✗

all
Iodine

Where are the dwarfs coming from
 in this cross?? Check identity! **12**
 Some have red brown! Perhaps only B6/19 *erroneously*
 identified?

1-7	B6119A1-1-BK-BK-7		8/29	3581
1-8		-8	8/30	3582
1-9		-9	9/4	3583
1-10		-10	8/30	3584
✓		✓	8/29	3585
1-11		-11	9/5	3586
1-12		-12	9/6	3587
1-13	<i>dwarfs</i>	-13	9/7	3588

3589

~~B6119A1-1-BK-BK-14~~

9/5

1-14

3590

✓

9/5

✓

3591

-15

9/6

1-15

3592

-16

9/5

1-16

3593

-17

9/9

1-17

3594

-18

8/31

1-18

3595

-19

9/4

1-19

3596

-20

8/31

1-20

1-21	B6119A1-1-BK-BK-21	BK 50/2 X	Tojutha	3597
------	-------------------------------	----------------------	--------------------	------

2-1	B6119A1-2-BK-BK-1	8/18		3598
-----	------------------------------	------	--	------

2-2	-2	9/11		3599
-----	----	------	--	------

CHECK		Tojutha		3600
-------	--	---------	--	------

10/5

3601

~~B6119A1-2-BK-BK-3~~, ~~BK50/2 X TajutLA~~
9/12 2-3

3602

-4

8/30

2-4

3603

-5

9/5

2-5

3604

-6

8/30

2-6

3605

~~B6119A1-3-BK-BK-1~~

9/6

~~2-1~~
3-1

3606

-2

9/8

~~2-2~~
3-2

3607

-3

9/7

3-3

3608

-4

9/4

3-4

3-5

~~B6119A1-3-RK-RK-5~~

9/3

3609

~~000~~

4-1

B6122B1-1-R-R-1, B6150/2 X *Tojith*

9/1

3610

4-2

-2

8/29

3611

4-3

-3

8/31

3612

✓

✓

8/30

3613

4-4

-4

9/1

3614

4-5

-5

9/5

3615

4-6

-6

9/3

3616

ask
Jodine

3617

B6/22 B1-1-Bh-Bh-6

8/31

4-6

3618

-7

9/1

4-7

3619

short, early

-8

8/19

I

4-8

*

Hv. pan./plant

Bulb

remainder!

23

3620

Blackbonnet-50

9/13

CHECK

3621

B6/22 B1-1-Bh-Bh-9

8/15

4-9

3622

-10

8/28

4-10

3623

✓

8/29

✓

3624

-11

8/19

4-11

4-12	B6122 B1-1- Bl-Rl. 12	alb Iodine	8/19	Bl 25 1/2 X Tojinh	3625
✓		✓	8/31		3626
4-13		-13	8/31		3627
✓		✓	8/30		3628
4-14		-14 L-I ¹⁹	8/20		3629
		Short, early; banded Bulbs remainder!	from/plant	*	
4-15		-15	9/6		3630
4-16		-16	9/5		3631
4-17		-17	7/1		3632
	good milky rice sample	I ¹⁹	from/plant	*	

			<i>alk</i> <i>Iodine</i>	
3633	B6/22 B1-1-Bk-Bk-17	9/1		4-17
3634		-18 9/1		4-18
*	<i>pan. / plant</i>		<i>±</i> 17	
3635		✓ 9/1		✓
3636		-19 9/7		4-19
3637		-20 8/30		4-20
3638		-21 9/1		4-21
3639		-22 8/31		4-22
3640	<i>Blueberry - 50</i>	9/13		CHECK

4-23	B61221-1- 23 -23	<i>all iodine</i>	9/8	3641
4-24		-24	8/31	3642
4-25	much sterility	-25	8/19	3643
✓	" "	✓	8/31	3644
4-26		-26	8/12	3645
✓	Some short, seg. E to L Selected gon./plant of early	✓ I 16	8/10	3646 *
4-27	1	-27	9/7	3647
4-28		-28	9/5	3648

ack
Iodine

B6122B1-1-BK-BK-29

3649

9/6

4-29

-30

3650

9/7

4-30

-31

3651

8/27

4-31

-32

3652

8/30

4-32

Short, up-right;
looks good.
pan./plantI 17
Bulk remainder!
Milled rice rather soft for lgt.

-33

3653

8/31

4-33

-34

3654

9/3

4-34

-35

3655

8/29

4-35

3656

8/29

✓

4-36	B6122 B1-1-BK-BK-36	9/1	3657
5-1	B6122 B1-2-BK-BK-1	9/5	3658
5-2	-2	8/25	3659
CHECK	Bluebonnet -50	9/10	3660
5-3	-3	9/7	3661
5-4	-4	9/6	3662
5-5	-5	9/3	3663
✓	✓	9/4	3664

3665

*

B6/22B1-2. Bk-Bk-6, 9/6

alk.
iodine
B6/50/2 X

Typhlo
5-6

3666

*

4
inside / plant

✓

9/4

✓

good milky-rice shape

I
13

3667

-7

8/29

5-7

3668

✓

8/29

✓

3669

-8

8/28

5-8

3670

-9

9/1

5-9

3671

-10

9/8

5-10

3672

-11

8/21

5-11

alkali
Iodine

B6122B1-2-Bk-Bk-12,

5-12

9/8

3673

-13

5-13

9/3

3674

-14

5-14

8/31

3675

-15

5-15

9/1

3676

*

±
15
✓

✓

8/31

3677

*

L-I

-16

5-16

9/6

3678

-17

5-17

8/30

3679

Bleibner-50

check

9/10

3680

3681

B6/22 B1-2-Bh-Bh-18

8/27

B6/50/2 X J. Smith
5-18

3682

-19

9/17

5-19

3683

-20

7/11

5-20

3684

-21

9/16

5-21

3685

-22

9/17

5-22

3686

-23

9/15

5-23

3687

-24

9/15

5-24

3688

-25

9/17

5-25

alkali.
Iodine

5-26	B6/22 B1-2- Bk-Bk -26	8/30	3683
5-27	-27	9/1	3690
6-1	B6/22 B1-3- Bk-Bk -1	9/1	3691
6-2	-2	9/6	3692
	<i>slender milky/gr.</i>	<i>L-I</i>	<i>pon./plant</i>
✓	✓	13	*
		9/7	3693
6-3	-3	9/1	3694
6-4	-4	9/3	3695
6-5	-5	8/29	3696

3697

B6122B1-3-Pl-Bk-5

8/26

6-5

3698

-6

9/1

6-6

3699

-7

8/30

6-7

3700

9/10

CHECK

6-8	B6/22 B1-3-Bh-Bh-S	alkali iodine	13/95 1/2 X Fjall	3701
6-9		-9	9/11	3702
6-10		-10	9/6	3703
6-11		-11	9/1	3704
✓		✓	9/1	3705
6-12	V. chaussy	I 18 -12	pan./plant	3706 *
6-13		-13	9/1	3707
6-14		-14	9/1	3708

			alkali Iodine	
3709	B6/22B1-3-RL-BH-15	9/6		6-15
3710	✓	9/7		✓
3711	-16	9/5	I Shades; upright. 17	6-16
*	pen./plant	Shades; upright. topen/		
3712	✓	9/3		✓
3713	-17	9/1		6-17
3714	-18	9/1		6-18
3715	✓	8/31		✓
3716	-19	9/1		6-19

			alkali Iodine		
6-20	B6122B1-3-Bl. Bl.-20			8/31	3717
	Shorter.	L - I 36		pan./plant	*
6-21	Same ht. as Blot; similar to 3719.	-21		8/30	3718
	Bulbs	L - I 15		pan./plant	*
✓	Same ht. at Blot; upright; erect; quite sturdy.	✓		8/30	3719
	Bulbs!	±		pan./plant	*
CHECK		14			
		Bluebonnet-50			3720
				9/12	
6-22		-22		8/29	3721
✓		✓		8/29	3722
6-23		-23		9/7	3723
6-24		-24		9/1	3724

3725	B6122B1-3-B4-B4-24	9/1	ach Iodine	6-24
3726	-25	8/30	I 16 Shatter	6-25
* 3727	pan./plant	-26	9/1	6-26
3728	✓	8/31		✓
3729	-27	9/6		6-27
3730	-28	9/1	I 9	6-28
* 3731	pan./plant	✓	8/31	✓
3732	-29	9/1		6-29

6-30	BG/22B1-3-BK-BK-30,	alk. Iodine BBS 5 1/2 X 1/2	9/6	3733
✓	✓	L 18	9/7	3734
		pon./plant		*
6-31	-31		9/7	3735
6-32	-32		9/6	3736
6-33	-33		9/1	3737
6-34	-34		9/5	3738
6-35	-35	I 16	9/1	3739
		pon./plant		* ☆
CHECK	Blackboard-50		9/12	3740

3741	B6122B1-3-Bh-Bh-36	9/12	^{alb.} Iodine Bh50/X Jginta	6-36
3742	-37	8/30		6-37
3743	-38 * pen./plant	9/11	I 13	6-38
3744	✓	8/31		✓
3745	-39 .	9/15		6-39
3746	-40	8/30		6-40
3747	-41	9/16		6-41
3748	-42	9/16		6-42

6-43	B6122 B1-3-BL-BL-43	all Jodine	8/30	3749
✓		✓	8/30	3750
6-44	-44		9/3	3751
6-45	-45		8/30	3752
6-46	Shooter; upright! Sturdy?	-46 I 28 pan/plate	9/1	3753 *☆
7-1	B6133 A1-1-BL-BL-1	B6150 1/2 X Fuji	9/1	3754
7-2	-2		9/1	3755
✓		✓	9/1	3756

			alk. Jodine	
3757	BG133A1-1-BL-BH-3	9/7		7-3
3758	-4	8/30		7-4
3759	✓	9/6		✓
3760	Bluebonnet-50	9/10		CHECK
3761	-5	9/4		7-5
3762	-6	9/7		7-6
3763	✓	9/7		✓
*	pan./plant		I 34	
3764	-7	9/7		7-7

7-7	B6133A1-1-BL-BK-7	RA50/2 X <i>Togintla</i>	916	3765
7-8	-8		914	3766
✓	✓		915	3767
✓	✓		916	3768
7-9	-9		917	3769
✓	✓		918	3770
7-10	-10		917	3771
✓	✓		916	3772

3773	B6133A1-1-84-12-11	918	7-11
3774	-12	916	7-12
3775	-13	915	7-13
3776	-14	917	7-14
3777	✓	917	✓
3778	-15	917	7-15
3779	-16	916	7-16
3780	Bluebonnet-50		CHECK

B6133A1-1-BL-BL-17

7-17

9/1

3781

-18

7-18

9/6

3782

-19

7-19

9/2

3783

-20

7-20

9/3

3784

-21

7-21

9/9

3785

-22

7-22

9/9

3786

-23

7-23

9/1

3787

-24

7-24

9/4

3788

3789	B6133A1-1-BL-BL-25	9/5	7-25
3790	-26	9/6	7-26
3791	-27	9/1	7-27
3792	-28	9/7	7-28
3793	-29	9/5	7-29
3794	-30	9/6	7-30
3795	-31	9/5	7-31
3796	B6133A1-2-BL-BL-1	9/10	8-1

f-1	B6133A1-2-Al-Al-1	9/10	3797
-----	-------------------	------	------

f-2	-2	9/11	3798
-----	----	------	------

f-3	-3	9/9	3799
-----	----	-----	------

CHECK	Bluebond-50	9/13	3800
-------	-------------	------	------

F₃ LINES 3801-4460
66 rows/line, 5 tiers/block, 16' rows.

				Plant No. ↓
3801	<u>Crowley Corn</u> * pan./plant	BELLE P. X 8/30	PI. 184675	1
3802	* pan./plant	9/1		3
3803	* pan./plant	8/10		5
3804	* pan./plant	8/24		6
3805	* pan./plant	8/28	Study straw!	7
3806	* pan./plant	8/21		8
3807	* pan./plant	8/17		9
3808	* pan./plant	8/19		10

Give seed from 3801-3857
to Atkins!

27

11		8/29	3809	*
		pon./plant		

13		8/30	3810	*
		pon./plant		

14		8/15	3811	*
		pon./plant		

15		8/24	3812	*
		pon./plant		

16		8/24	3813	*
		pon./plant		

17		8/20	3814	*
		pon./plant		

19		8/27	3815	*
		pon./plant		

✓		8/28	3816	*
		pon./plant		

3817	*	pon./plant	8/25	19
3818	*	pon./plant	8/27	✓
3819	*	pon./plant	8/31	20
3820	*	pon./plant	8/27	✓
3821	☆ *	nice lfts!! tall but sturdy! pon./plant	9/3	21
			Late budding plants omitted!	
3822	*	pon./plant	8/30	22
3823	*	pon./plant	8/24	✓
3824	*	pon./plant	8/28	✓

22

8/20

3825

pon./plant

*

23

8/23

3826

pon./plant

*

24

8/17

3827

pon./plant

*

25

8/21

3828

pon./plant

*

26

8/18

3829

pon./plant

*

27

8/30

3830

pon./plant

*

28

8/5

3831

pon./plant

*

*

29

8/23

3832

pon./plant

*

3833	*	pen./plant	8/19	29
3834	*	pen./plant	8/13	32
3835	*	pen./plant	8/23	33
3836	*	pen./plant	8/23	34
3837	*	pen./plant	8/23	✓
3838	*	pen./plant	8/28	35
3839	*	pen./plant	8/17	36
3840	*	pen./plant	8/21	37

38				8/14	3841	*
				pon./plant		*
40				8/9	3842	*
				pon./plant		*
✓				8/8	3843*	*
				pon./plant		*
41				8/17	3844	*
				pon./plant		*
43				8/30	3845	*
				pon./plant		*
44				8/29	3846	*
				pon./plant		*
45				8/29	3847	*
				pon./plant		*
46				8/22	3848	*
				pon./plant		*

3849

*

pon./plant

8/19

47

3850

BELLE PATNA

8/19

CHECK

3851

*

pon./plant

8/18

48

3852

*

pon./plant

8/20

49

* 3853

*

pon./plant

8/16

50

3854

*

pon./plant

8/29

53

3855

*

pon./plant

8/28

✓

3856

*

pon./plant

8/29

✓

53			8/29	3857	*
			pan./plant		
88	B6210A1-1-1	CI 9534 X CI 9187	8/30	3858	*
1			pan./plant from earliest!		
✓	-2		8/22	3859	*
			pan./plant		*
✓	-3		8/30	3860	*
			pan./plant		*
✓	-4		8/31	3861	
✓	-5		8/22	3862	*
			pan./plant		*
89	B6210A1-2-1		9/3	3863	
2					
✓	-2		9/4	3864	

3865	B6210A1-2-3	9/6	2
3866	-4	9/5	✓
3867	-5	9/14	✓
3868	A1-3-1	9/1	3
3869	2	8/23	✓
* 3870	3	8/29	✓
3871	4	8/30	✓
* 3872	pan./plant	5	8/30
			✓

4	B6210A1-4-1	8/30	3873
✓	2	9/1	3874
✓	3	8/30	3875
✓	4	8/31	3876
✓	5	8/31	3877
✓	-6	8/20	3878
		from / plant	*
5	A1-5-1	9/1	3879
✓	-2	9/4	3880

3881	B6210A1-5-3	9/1	5
3882	4	9/1	✓
3883	-5	9/4	✓
3884	4 -6	9/5	✓
3885	CI. 9534	9/1	CHECK
3886	B6210A1-6-1	8/25	6
*			
*	gon./plant		
3887	-2	9/5	✓
3888	-3	9/6	✓

6	B62/071-6.4	9/5	3889
✓	-5	9/6	3890
✓	-6	9/6	3891
✓	-7	9/5	3892
✓	-8	8/22	3893
7	A1-7-1	8/30	3894
	shot!	pen./plant	☆ *
✓	-2	8/30	3895
		pen./plant	☆ *
✓	-3	9/1	3896
		pen./plant	☆ *

3897

B6210A1-7.4

8/31

7

*

pan./plant

3898

A1-P-1

8/19

8

*

3899

-2

8/20

✓

3900

-3

1

8/29

✓

8	B62/071-8-4	8/21	3901	*
✓	-5	8/13	3902	*
✓	-6	9/1	3903	
9	A1-9-1	8/23	3904	*
	short			*
✓	2	9/1	3905	
✓	3	8/30	3906	
✓	4	8/24	3907	*
	short			
✓	5	8/28	3908	*

3909	B6210A1-10-1	8/30	10
3910	2	8/30	✓
3911	3	8/19	✓
3912	4	8/30	✓
3913	5	8/30	✓
3914		8/30	11
*	pan./plant		
*3915		8/19	✓
3916		8/30	✓

B6210A1-11-4

11

8/24

3917

pan./plant

*

12

8/30

3918

pan./plant

*

✓

8/29

3919

✓

8/23

3920

*

✓

8/21

3921

*

✓

8/23

3922

*

pan./plant

13

8/27

3923

✓

8/20

3924

3925	B621071-13-3	8/23	13
*			
3926		8/24	✓
*	pan./plant		
3927		9/1	✓
3928		8/23	14
3929		9/1	✓
3930		8/31	✓
3931		8/31	✓
3932		8/30	✓

15	B6210A1-15-1	8/31	3933
✓		8/24	3934
✓		9/1	3935
✓		8/25	3936
		pan./plant	*
✓		8/31	3937
16		8/30	3938
		pan./plant	*
✓		8/22	3939
		pan./plant	*
✓		8/30	3940

3941	B6210A1-K-4	8/29	✓	16
3942		8/20	✓	
* *	pan./plant			
3943		9/1	✓	17
3944		9/2	✓	
3945		8/20	✓	
* *	pan./plant			
3946		8/19	✓	
3947		8/29	✓	18
* *	pan./plant			
3948		8/30	✓	
* *	pan./plant			

18	B621071.18.3	8/30	3949
✓		8/26	3950
✓		8/28	3951
✓		8/29	3952
19		8/30	3953
		from. / plant	*
✓		8/30	3954
✓		8/29	3955
✓		8/30	3956

3957	B621071-20-1	8/31	20
*	pan./plant		
3958		8/31	✓
3959		9/1	✓
3960		8/31	✓
3961		8/23	21
*	pan./plant		
3962		9/4	22
3963		9/5	✓
3964		9/11	✓

22	BG 210A1-22-4	9/1	3965
✓		9/1	3966
23		9/1	3967
✓		9/1	3968
✓		8/23 pan. / plant	3969 * *
✓		9/2	3970
24		8/30	3971
✓		9/1	3972

3973	B621071-24-3	8/18	24
*	pan./plant		
3974		8/31	25
3975		8/30	✓
3976		8/22	✓
*	pan./plant		
3977		8/23	26
3978		8/29	✓
3979		8/29	✓
*	pan./plant		
3980		8/29	✓
*	pan./plant		

B6210A1-27-1

27

9/2

3981

✓

9/1

3982

✓

8/30

3983

✓

8/31

3984

28

9/2

3985

✓

9/3

3986

✓

9/5

3987

✓

9/3

3988

3989	B6 21071-24.1	8/31	29.
3990		9/1	✓
3991		8/30	✓
3992		9/5	30
3993		9/6	✓
3994		9/6	✓
3995		9/6	31
3996		9/6	✓

3997

3998

3999

4000

4001

B6210A1-32-1

9/3

32

4002

9/3

✓

4003

8/30

✓

4004

9/6

✓

4005

9/4

✓

4006

9/3

33

4007

9/3

✓

4008

9/3

✓

33

B621071-33-4

9/4

4009

CHECK

C.I. 9534

9/3

4010

34

9/1

4011

✓

9/3

4012

✓

9/2

4013

35

9/2

4014

✓

9/3

4015

✓

9/3

4016

4017	BG210A1-36-1	9/4	36
4018		9/3	✓
4019		9/4	✓
4020		8/31	37
*	pan. / plant		
4021		8/31	✓
4022		8/30	✓
4023		9/1	38
*	pan. / plant		
4024		8/31	39

39	B6210A 1-39 2	8/30	4025	*
		pon/plant		
✓		8/31	4026	
40		8/29	4027	
✓		8/29	4028	
✓		8/30	4029	
✓		8/29	4030	
✓		8/30	4031	
✓		8/30	4032	*
		pon/plant		

4033

B6210A1-40-7

8/30

40

4034

8/30

41

4035

9/6

✓

4036

9/5

✓

4037

9/5

✓

4038

9/5

✓

4039

8/29

42

4040

8/30

✓

B 6210A ~~10~~ 42-3

42

8/30

4041

43

8/21

4042

*

Short

pon./plant

*

✓

8/31

4043

Short

pon./plant

*

✓

8/22

4044

44

8/29

4045

✓

9/1

4046

✓

8/30

4047

45

8/30

4048

*

pon./plant

4049	B621071-45-2	9/1	45
4050		8/30	✓
4051		8/30	✓
4052		9/2	✓
4053		8/29	46
4054		8/30	✓
4055		8/31	✓
4056		9/1	✓

46	B62/0A1.46-5	8/31	4057
✓		8/25 pon./plant	4058 *
✓	B63/6A	CI. 9534 X B55133A/6.14 8/29	4059
✓		9/6	4060
✓		9/7	4061
✓		9/3	4062
2	Same thing myt's quest!	8/11 pon./plant	✓ 4063 ◇ *
✓		8/12 pon./plant	✓ 4064 ◇ *

4065	✧ *	pan./plant	8/9	Some being off-type, maybe, fruit!	2
4066	✧ *	pan./plant	8/9		✓
4067			8/27		3
4068			8/29		✓
4069	*	pan./plant	8/29		✓
4070			8/29		✓
4071	*	pan./plant	8/13		4
4072			8/29		✓

5			8/30	4073
✓			8/30	4074
			per./plant	*
✓			8/30	4075
6			9/9	4076
✓			9/7	4077
7			9/3	4078
✓			9/4	4079
✓			9/4	4080

44
4081

9/6

7

4082

9/5

✓

*

pan./plant

4083

8/22

✓

*

4084

9/6

✓

4085

9/5

✓

4086

8/23

8

4087

9/5

✓

4088

9/4

✓

*

pan./plant

9				9/5	4089
✓				9/4	4090
✓				9/5	4091
10				8/19	4092
✓				8/30	4093
✓				8/30	4094
✓				8/28	4095
				pen./plant	*
11				9/5	4096

913

11

914

✓

914

12

CI. 9534

913

CHECK

13

8/30

4101

14

8/29

4102

15

9/6

4103

16

9/1

4104

✓

8/31

4105

17

9/7

4106

✓

9/2

4107

✓

9/3

4108

4109

8/30

18

4110

8/31

19

4111

8/30

✓

4112

8/22

✓

4113

9/1

✓

4114

8/31

20

4115

8/30

✓

4116

8/30

✓

20				8/27	4117
21				9/1	4118
✓				9/3	4119
22				9/7	4120
✓				9/5	4121
23				9/6	4122
24				8/30	4123
✓				9/11	4124

4130 END OF BLOCK 1 OF F₃ LINES.

74

4125	8/30	24
4126	9/5	25
4127	9/3	✓
4128	8/29	26
4129	8/30	✓
4130	8/29	✓
4131	9/10	27
4132	9/7	28

28

9/5

4133

✓

9/4

4134

✓

9/5

4135

29

9/6

4136

✓

9/4

4137

30

8/31

4138

✓

8/31

4139

31

8/30

4140

84
4141

9/3

31

4142

9/5

32

4143

9/2

✓

4144

9/1

33

4145

9/1

34

4146

8/30

35

4147

8/29

✓

4148

9/7

36

37				9/1	4149
✓				8/31	4150
✓				8/31	4151
38				1/7	4152
39				9/3	4153
✓				9/2	4154
40				8/27	4155
41				9/4	4156

4157		9/1		42
4158		8/31		✓
4159		9/1		✓
4160		9/3		43
4161		9/3		✓
4162		9/3		✓
4163			8/23	✓
4164		9/6		44

44

9/4

4165

✓

9/4

4166

✓

9/5

4167

45

8/29

4168

✓

8/31

4169

✓

8/30

4170

✓

8/30

4171

✓

8/31

4172

4173		9/1	46
4174		8/31	✓
4175		9/1	✓
4176		8/23	47
4177		8/29	✓
4178		8/24	✓
4179		9/6	48
4180		8/30	49

50

8/31

4181

✓

9/4

4182

51

9/2

4183

✓

9/4

4184

52

8/30

4185

✓

8/31

4186

CHECK

BELLE PATNA

8/19

4187

Crowley cross.

1

BELLE P. X PI. 201902

8/18

4188

18
4189

✓

8/17

/

*

pan./plant

4190

8/17

✓

4191

8/18

✓

4192

8/29

2

4193

✓

8/30

✓

*

pan./plant

4194

8/29

✓

4195

8/29

✓

*

4196

✓

8/19

3

*

pan./plant

4

8/10

4197

✓

8/9

✓4198

pan./plant

*

5

8/13

4199

✓

8/13

✓*4200

pan./plant

*

4201		8/12	6
4202	✓ * pan./plant	8/12	✓
4203		8/12	✓
4204	✓ * pan./plant	8/11	7
4205	✓ * pan./plant	8/11	8
4206		8/10	✓
4207		8/12	9
4208	✓ * pan./plant	8/11	✓

9			8/12	4209
10			8/11	4210 *
✓			8/11	4211
✓			8/10 pon./plant	✓4212 *
//			8/11	4213
✓			8/12 pon./plant	✓4214 *
✓			8/12	4215
✓			8/10	4216

4217

8/24

12

4218

✓

8/21

✓

*

pan./plant

4219

8/20

✓

4220

8/23

✓

4221

✓

8/30

13

*

pan./plant

4222

✓

8/29

14

*

pan./plant

4223

8/29

✓

4224

✓

8/11

16

*

pan./plant

17				8/9	✓4225
✓				8/8	4226
✓				8/5 pos./plant	✓4227 *
18				8/5 pos./plant	✓4228 *
19				8/6 pos./plant	✓4229 *
20				8/10 pos./plant	✓4230 *
21				8/14 pos./plant	✓4231 *
✓				8/15	4232

4233

✓

8/12

22

*

pan./plant

4234

8/13

✓

4235

8/10

✓

4236

8/29

23

4237

✓

8/19

✓

*

pan./plant

4238

8/19

✓

4239

✓

8/8

24

*

pan./plant

4240

8/8

✓

25				8/19	4241
✓				8/14	4242
✓				8/15 pon./plant	✓4243 *
✓				8/14	4244
26				8/26	4245
✓				8/27 pon./plant	✓4246 *
27				8/10 pon./plant	✓4247 *
28				8/13 pon./plant	✓4248 *

4249	✓	8/12	28
4250	✓	8/14	29
* <i>pon./plant</i>			
4251		8/13	✓
4252		8/8	30
4253	✓	8/8	✓
* <i>pon./plant</i>			
4254		8/9	✓
4255		8/10	✓
4256		8/12	31

31			8/11	4257
✓			8/12	✓ 4258
			pan./plant	*
✓			8/12	4259
32			8/10	✓ 4260
			pan./plant	*
✓			8/18	4261
33			8/20	4262
✓			8/24	✓ 4263
			pan./plant	*
✓			8/22	4264

4265	✓	slr	8/30	34
*		pen./plant		
4266		slr	8/27	✓
4267		slr	8/29	✓
4268		slr	8/19	35
4269		slr	8/18	✓
4270	✓	slr	8/19	✓
*		pen./plant		
4271		slr	8/13	✓
4272		slr	8/11	36

36				8/10	✓ 4273	*
				pon./plant		
✓				8/9	4274	
✓				8/9	4275	
37				8/11	✓ 4276	*
				pon./plant		
38				8/9	✓ 4277	*
				pon./plant		
39				8/10	4278	
✓				8/10	✓ 4279	*
				pon./plant		
✓				8/16	4280	

4281

✓

8/10

40

*

pan./plant

4282

8/10

✓

4283

8/10

✓

4284

8/10

✓

4285

8/10

41

4286

8/10

✓

4287

✓

8/9

✓

*

pan./plant

4288

✓

8/12

42

*

pan./plant

42			8/12	4289
43			8/10	✓ 4290
			pan./plant	*
44			8/11	✓ 4291
			pan./plant	*
✓			8/10	4292
45			8/6	4293
✓			8/6	✓ 4294
			pan./plant	*
✓			8/5	4295
✓			8/3	4296

4297

8/9

46

4298

✓

8/10

✓

*

pan./plant

4299

8/10

✓

4300

8/10

47

47				8/12	✓ 4301	*
				pon./plant		
✓				8/8	4302	
✓				8/12	4303	
✓				8/11	4304	
48				8/10	✓ 4305	*
				pon./plant		
49				9/1	4306	
✓				8/9	✓ 4307	*
				pon./plant		
✓				8/31	4308	

4309		8/10	50
4310	✓ * pon./plant	8/10	✓
4311		8/10	51
4312	✓ * pon./plant	8/11	✓
4313	BELLE PATNA	8/18	CHECK
4314	CI. 9534	9/1	CHECK
4315	BG 311A1-1 BELLE P. X CI. 9534	8/19	1
* 4316	-2	8/18	✓

1	BC311A1-3	8/18	4317
			*
✓	-4	8/15	4318
2	A2-1	8/30	4319
✓	-2	8/30	4320
3	A3-1	9/1	4321
✓	-2	9/2	4322
✓	-3	9/2	4323
✓	-4	9/2	4324

4325		9/2	3
4326		8/19	4
*			
4327		8/19	✓
*	pen./plant		
4328		8/19	✓
4329		8/22	05
4330		8/19	✓
4331		8/19	✓
4332		9/2	6

7			8/30	4333
8			8/18 pan./plant	4334
✓			8/19	4335
9			8/19	4336
✓			8/14 pan./plant	4337 *
✓			8/18	4338
✓			8/18 pan./plant	4339 *
✓			8/18 pan./plant	4340 *

4341	8/30	10
4342	8/30	✓
4343	8/29	✓
4344	8/23	✓
4345	8/19	//
4346	8/18	✓
4347	8/18	✓
4348	8/17	✓

11

8/19

4349

12

8/15

4350

pan./plant

*

13

8/18

4351

14

8/22

4352

✓

9/1

4353

✓

8/24

4354

15

8/19

4355

pan./plant

◇

*

✓

8/19

4356

pan./plant

◇

*

4357		9/2	16
4358		9/2	✓
4359	17-1	8/18	17
* ☆	pan./plant		
4360	-2	8/18	✓
☆			
*	pan./plant		
4361	-3	8/18	✓
☆	pan./plant		
*			
4362	-4	8/16	✓
☆	pan./plant		
*			
4363		8/17	18
*	pan./plant		
4364		8/13	✓

18			8/14	4365	
			pan./plant		*
19			8/31	4366	
✓			9/3	4367	
✓			8/19	4368	
20	BGJ/A/20-1		8/18	4369	
			pan./plant		*
✓		-2	8/14	4370	
✓		-3	8/16	4371	
			pan./plant		*
✓		-4	8/14	4372	
			pan./plant		*

4373		8/24	21
4374		8/30	✓
4375		8/29	✓
4376		8/31	✓
4377		8/17	22
4378		8/17	✓
*	pan./plant		
4379		8/18	✓
*	pan./plant		
4380		8/30	23

23				8/30	4381
----	--	--	--	------	------

24				8/19	4382
----	--	--	--	------	------

✓				8/19	4383
---	--	--	--	------	------

pan./plant *

25				9/1	4384
----	--	--	--	-----	------

✓				8/22	4385
---	--	--	--	------	------

✓				8/31	4386
---	--	--	--	------	------

26				8/18	4387
----	--	--	--	------	------

pan./plant *

✓				8/16	4388
---	--	--	--	------	------

pan./plant *

4389

8/16

26

*

pan./plant

4390

8/13

27

*

pan./plant

4391

8/13

✓

*

pan./plant

4392

8/14

28

*

pan./plant

4393

8/17

✓

*

pan./plant

4394

8/19

29

4395

8/19

30

*

pan./plant

4396

8/18

✓

30

8/17

4397

✓

8/18

4398

pan./plant

*

31

8/18

4399

✓

8/14

4400

pan./plant

*

4401

8/14

31

4402

8/18

32

*

pan./plant

4403

8/14

✓

4404

8/17

✓

4405

8/13

✓

4406

8/17

33



*

pan./plant

short?

4407

9/3

34

4408

9/2

✓

34			9/1	4409
35			8/16	4410
✓			8/18	4411
✓			8/13	4412
			gn./plant	*
36			8/19	4413
✓			8/19	4414
			gn./plant	*
37			9/3	4415
✓			9/3	4416

4417

9/3

37

4418

9/4

✓

4419

8/19

38

4420

8/17

39

4421

8/17

✓

4422

8/18

✓

4423

8/16

✓

4424

7/1

40

40

9/3

4425

✓

9/2

4426

✓

8/25

4427

4/

8/16

4428

pan./plant

*

✓

8/13

4429

✓

8/12

4430

✓

8/13

4431

pan./plant

*

✓

8/13

4432

4433

8/15

42

*

pan./plant

4434

8/18

✓

4435

8/15

✓

4436

8/18

✓

4437

8/17

43

*

pan./plant

4438

8/18

✓

4439

8/14

44

4440

8/17

✓

44

8/19

4441

45

8/15

4442

pen./plant

*

✓

8/14

4443

pen./plant

*

46

8/18

4444

✓

8/16

4445

✓

8/18

4446

✓

8/18

4447

pen./plant

*

47

8/19

4448

4449

8/19

47

4450

8/20

✓

4451

8/20

✓

4452

8/17

48

4453

8/17

✓

4454

8/18

✓

*

pan./plant

4455

8/14

49

*

pan./plant

4456

8/14

✓

*

pan./plant

49

8/17

4457

pan./plant

*

✓

8/16

4458

pan./plant

*

50

9/2

4459

✓

9/3

4460

NUMBERS 4461 - 4500
ARE OMITTED

F₂ POPULATIONS.
4501 -

4501	B6334A1-1	C.I. 9545 X Nova		
	<u>Par/pls.</u> (Calicut)	8/29		
4502	A2-1	8/28		
	<u>Par/pls.</u>			
4503	A3-1	8/28		
	<u>Par/pls.</u>			
4504	A4-1	8/23		
	<u>Par/pls.</u>			
4505	C.I. 9545	9/3		1103
4506	NOVA	9/2		7
4507	B6335A1-1	C.I. 9545 X C.I. 9534		
	<u>Par/pls.</u>	8/30		
4508	-2	9/2		
	<u>Par/pls.</u>			

B6335A1-3

CI. 9545 X CI. 9534

8/30

4509

Par/pth.

-4

8/30

4510

Par/pth.

-5

9/2

4511

Par/pth.

-6

9/3

4512

Par/pth.

-7

9/2

4513

Par/pth.

-8

9/4

4514

Par/pth.

B6335

A2-1

CI. 9545 X CI. 9534

9/1

4515

Par/pth.

-2

9/2

4516

Par/pth.

4517	CI. 9534	9/7		25
4518	B6343A1-1	C.I. 9534 X	C.I. 9569	
	<u>Par/plb.</u>			
4519		-2	9/5	C.I. 9534
	<u>Par/plb.</u>			
4520		-3	9/5	Shan
	<u>Par/plb.</u>			
4521		-4	9/3	Shan
	<u>Par/plb.</u>			
4522		-5	9/5	Shan
	<u>Par/plb.</u>			
4523		-6	9/3	Shan
	<u>Par/plb.</u>			
4524		-7	9/3	Shan
	<u>Par/plb.</u>			

B6343A1-8, CI. 9534 X CI. 9569

914

4525

Par/Pls.

-9

914

4526

Par/Pls.

CI. 9569

26

Taller than CI 9534

915

4527

B6344A1-1, CI. 9534 X CI. 9570

918

4528

Par/Pls.

-2

917

4529

Par/Pls.

-3

8/31

4530

Par/Pls.

-4

917

4531

Par/Pls.

-5

917

4532

Par/Pls.

4533

B6344A1-6,

CI. 9534 X CI. 9570

917

Par/plk.

A2-1

4534

915

Par/plk.

Sig. color, rough & smooth

-2

4535

914

Par/plk.

-3

4536

914

Par/plk.

-4

4537

916

Par/plk.

4538

CI. 9570

9110

B63-28

pubescent.

4539

B6345A3-1 CI. 9534 X CI. 9442

914

Par/plk.

-2

4540

917

Par/plk.

B6345A3-3 , CI. 9534 X CI. 9442

915

4541

Par/pss.

-4

915

4542

Par/pss.

-5

913

4543

Par/pss.

-6

916

4544

Par/pss.

-7

916

4545

Par/pss.

-8

914

4546

Par/pss.

-9

916

4547

Par/pss.

-10

917

4548

Par/pss.

4549	CI. 9442	9/13	R63-30
4550	R6346A1-1 Par/PLB	CI. 9534 X CI. 9572 9/17	
4551	-2 Par/PLB	9/14	
4552	-3 Par/PLB	9/15	
4553	-4 Par/PLB	9/14	
4554	-5 Par/PLB	9/15	
4555	-6 Par/PLB	9/17	
4556	-7 Par/PLB	9/17	

B6346A1-8	CI. 9534 X	CI. 9572	4557
	918		
	Bu/Plt.		
B6346A2-1			4558
	916		
	Pam/Plt.		
-2			4559
	912		
	Pam/Plt.		
CI. 9572			4560
B63-32	918		
B6352A1-1			4561
Taichung Native #1 x (Bbt.50 x Dima)			
(Pt. 27,672)	917		
-2			4562
	915		
-3			4563
	916		
-4			4564
	915		

Not a cross?

4565

B6352A1-5, PI. 271672 X (Bbt-50 X DIMA)

9/5

4566

-6

9/5

4567

-7

9/5

4568

-8

9/5

4569

-9

9/6

4570

-10

9/7

4571

TAICHUNG NATIVE #1
PI. 271,672

9/6

1224

4572

B6354A1-1 9/7

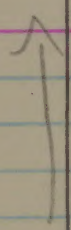
Taichung Native #1 X (Bbt. 50 X JOJUTIA)
PI. 271,672

B6354A1-2 , PI27/672 X (BAT-50 X Jajutza)

917 4573

-3

917 4574



-4

914 4575

-5

917 4576

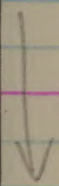
2.
Cross
a
+5
C
Ball in el.

-6

917 4577

-7

916 4578



-8

917 4579

-9

917 4580

4581

B6354A1-10

PI. 271672 X (BBT-50 X Jojutla)

9/17

not a cross

4582

B6356A1-1

8/31

Taichung Nat. #1 X (CP 231 X Jojutla)
PI. 271,672

4583

-2

8/30

4584

-3

8/31

4585

-4

8/30

4586

-5

8/31

4587

-6

8/30

4588

-7

9/1

B6356A1-8 , PI 271672 X (CA-231 X JOJUTLA)
8/29 4589

-9

9/2

4590

-10

8/28

4591

B6368A1-1 (Blt. 50 X JOJUTLA) X (05-77 Congo)
9/3 4592

Pan

-2

8/25

4593

Pan

-3

8/25

4594

Pan

-4

9/1

4595

Pan

-5

9/2

4596

Pan

4597

Par

B6368A1-6, (BB50 X JOJUTLA) X OS-77
8/31

4598

Par

-7

9/4

4599

Par

-8

9/5

4600

Par

-9

9/1

B6368A1-10, (BBT-50 X JOJUTLA) X OS-77

9/7

4601

Pan

B6371A1-1, (CP-231 X JOJUTLA) X OS-77

9/6

4602

(CP-231 X JOJUTLA) X Congo

Pan

-2

9/6

4603

Pan

-3

9/11

4604

Pan

-4

9/5

4605

Pan

-5

8/28

4606

Pan

-6

9/6

4607

Pan

-7

9/4

4608

Pan

4609

Pan

B6371A1-8

(CP-231 X TojvTLA) X OS-77
9/6

4610

Pan

-9

9/7

4611

Pan

-10

9/7

4612

*

B6374A1-1

^{sel} CI. 9544 X OS-77

8/23

pan./plant

4613

*

-2

8/23

pan./plant

4614

*

-3

8/23

pan./plant

4615

*

-4

8/23

pan./plant

4616

CI. 9544

8/25

Fd.

B6397A1-1

9/20

4617

Bbt. 50 x [(Bbt. 50/4 x Gulfrose) x Bbt. 50]
 BBT-50/6 x GULFROSE

Pan

-2

9/20

4618

Pan

-3

9/20

4619

Pan

-4

9/17

4620

Pan

-5

9/19

4621

Pan

BLUEBONNET- 50

44

9/22

4622

B6398A1-1

9/22

4623

Bbt. 50 x [(Bbt. 50/4 x Gulfrose) x Bbt. 50]
 BBT-50/6 x GULFROSE

Pan

-2

9/21

4624

Pan

4625

B6398A1- 3 , BBT-50/6 X GULFROSE
9/23

Par

4626

-4 9/22

Par

4627

-5 9/23

Par

4628

B63101A1- 1 9/20 BBT-50/6 X GULFROSE
Bbt. 50 x [(Bbt. 50/4 x Gulfrose) x Bbt. 50]

Par

4629

-2 9/22

Par

4630

-3 9/17

Par

4631

-4 9/20

Par

4632

-5 9/19

Par

B63103A1-1 , BBT-50/5 X GULFROSE

Bbt. 50 x (Bbt. 50/4 x Gulfrose)

9/21

4633

Pan

B63103A4-1

BBT-50/5 X GULFROSE

9/21

4634

Pan

-2

9/21

4635

Pan

-3

9/19

4636

Pan

-4

9/19

4637

Pan

B63105A1-1

BBT50/2 X JOJUTLA

9/17

4638

Bbt. 50 x (Bbt. 50 x Jojutla)

Pan/Plt.

-2

9/15

4639

Pan/Plt.

-3

9/18

4640

Pan/Plt.

4641

B63105 A1-4

Bbt-50/2 X Jojutla

9/20

Pan/PLO.

4642

-5

9/18

Pan/PLO.

4643

B63109 A1-1

8/26

C.I. 9544 Sel. X (Bbt. 50 X Jojutla)

*
*

"

X B584 A1-16-5-2-BK

pan./plant

4644

-2

8/25

*
*

pan./plant

4645

-3

8/29

*
*

pan./plant

4646

-4

8/27

*
*

pan./plant

4647

B63112 A1-1

8/28

(Gulfrose x P.I. 215936) x (Mo. R-500 X Nato)

Pan

4648

-2

8/26

17

This population looks very good!
However many individual plants are sterile.

B63112A1-3

8/26

4649

Pam

-4

8/25

4650

Pam

B63112A2-1

8/26

4651

Pam

-2

8/27

4652

Pam

B63112A3-1

8/28

4653

Pam

-2

8/28

4654

Pam

-3

8/27

4655

Pam

-4

8/25

4656

Pam

4657

B63113A1-1 9/17, BBT-50/5 X GULFROSE

BBT.50 X (BBT.50/4 X Gulfrose)

Pay

4658

-2

9/18

Pay

4659

-3

9/15

Pay

4660

-4

9/18

Pay

4661

-5

9/18

Pay

4662

B63114A1-1

9/14

BBT-50 X (CP-231 X Tojatl)

~~BBT-50/5 X Tojatl~~

~~BBT.50 X (BBT.50/2 X Tojatl)~~

W'd individual plants

Pay

4663

-2

9/14

W'd individual plants

Pay

4664

B63115A1-1

8/31

(CP 231 X SLO-17) X (Mo. R-500 X NATO)

Pay

Many with red bars
Wrong identity!

B63115 A1-2

8/31

4665

Pan

-3

8/30

4666

Pan

-4

8/30

4667

Pan

-5

8/29

4668

Pan

-6

8/31

4669

Pan

-7

8/30

4670

Pan

-8

8/30

4671

Pan

B63116 A1-1

8/18

4672

B6T-50/5 X GULFROSE

B6T-50 X (B6T-50/4 X Gulfrose)

Pan

08
4673

B63116A1-2

BBT-50/5 X GULFROSE

9/17

~~Par~~

-3

4674

9/18

~~Par~~

-4

4675

9/18

~~Par~~

-5

4676

9/18

~~Par~~

4677

B63117A1-1

9/19

BBT-50/5 X GULFROSE

Bbt. 50 X (Bbt. 50/4 X Gulfrose)

~~Par~~

-2

4678

9/18

~~Par~~

-3

4679

~~Par~~

-4

4680

~~Par~~

B63117A1-5,

BBT50½ X GULFROSE

4681

fan

B63119A1-1

, Belle P. ½ X CI. 9534

4682

8/22

-2

8/22

4683

-3

8/22

4684

-4

8/22

4685

-5

8/22

4686

BELLE PATNA

17.

8/23

4687

CI. 9534

25

9/7

4688

Only show hull color;
not a class?

4689

B63/23 A1-1 8/29

(Bbt. 50/2 x Gulfrose) x (RZ 1512 x Lac)

Par

4690

-2

8/30

Par

4691

-3

8/30

Par

4692

-4

8/24

Par

4693

-5

8/30

Par

4694

-6

8/30

Par

4695

-7

8/26

Par

4696

-8

8/24

Par

B63123A1-9

8/23

4697

Pan

-10

8/24

4698

Pan

B63124A1-1

8/30

4699

(Bbt. 50/2 x Gulfrose) x (Mo. R-500 x Nato)

Pan

-2

8/30

4700

Pan

4701

B63/24 A1-3

8/30

Par

4702

-4

8/30

Par

4703



-5

8/30

Par

4704



-6

8/30

Par

4705

B63/25 A1-1

C.I. 9544 X (Mo. R-500 X Nato)

8/22

Par

4706

-2

8/20

Par

4707

-3

8/22

Par

4708

-4

8/21

Par

B63125A61

8/19

4709

Pan

-2

8/20

4710

Pan

-3

8/19

4711

Pan

-4

8/20

4712

Pan

-5

8/20

4713

Pan

-6

8/23

4714

Pan

B63126A1-1

C.I. 9537 x (Mo. R-500 x Nato)

8/19

4715

Pan

-2

8/22

4716

Pan

4717

B63126A1-3

8/19

Pow

-4

4718

8/20

Pow

-5

4719

8/19

Pow

-6

4720

8/19

Pow

-7

4721

8/18

Pow

-8

4722

8/22

Pow

B6311A2-1

4723

8/24

Belle Patna X (CP 231 X H012)

Pow

-2

4724

8/23

Pow

B6311A2-3

8/23

4725

Pan

-4

8/20

4726

Pan

-5

8/23

4727

Pan

B6311A3-1

8/23

4728

-2

8/23

4729

-3

8/23

4730

-4

8/23

4731

-5

8/23

4732

Not a car?
 Looks like car - like Bell's.

4733

B6312A1-1

(CP231 x C.I.8970) x (CP231 x H012)

8/23

4734

-2

8/23

4735

-3

8/22

4736

-4

8/23

4737

-5

8/23

4738

B6312A2-1

8/23

4739

-2

8/23

4740

-3

8/23

Da thin a
loss?

Sub C.I. 9534
pink
pink

of paint

B63/2A2.4

8/23

4741

-5

8/23

4742

B63/6A1.1

8/30

(CP231 x H012) x (CP231/3 x B502A2-154)

4743

Pam

-2

9/6

4744

Pam

-3

9/3

4745

Pam

-4

9/6

4746

Pam

B63/6A3-1

9/9

4747

Pam

-2

9/10

4748

Pam

B63 19A1-1

4749

Bbt 50/3 x JoJutta

-2

4750

9/17

-3

4751

9/20

-4

4752

9/18

Bbt. 50 ?
|||

-5

4753

be

-6

4754

9/18

this

-7

4755

Could

-8

4756

9/20

B6319A1-9

9/19

4757

-10

9/17

4758

B6322A1-1

8/24

4759

(CP231 x Jovut1a) x B.P.

Hv'd individual plants

*

-2

8/22

4760

Hv'd individual plants

*

-3

8/21

4761

Hv'd individual plants.

*

-4

8/19

4762

Hv'd individual plants.

*

-5

8/17

4763

Hv'd individual plants.

*

-6

8/18

4764

Hv'd individual plants.

*

poor-looking material!

Generally

4765

B6322A1-7

8/19

*

Hv'd individual plants

4766

-8

8/20

*

Hv'd individual plants

4767

-9

8/20

*

Hv'd individual plants

4768

-10

8/17

*

Hv'd individual plants.

4769

B6322A2-1

8/18

*

Hv'd individual plants

4770

-2

8/19

*

Hv'd individual plants

4771

-3

8/19

*

Hv'd individual plants

4772

-4

8/20

*

Hv'd individual plants

↑
Generally, poor looking material.
↓

B6322A2-5

8/19

4773

Hv'd individual plants.

*

-6

8/20

4774

Hv'd individual plants.

*

-7

8/19

4775

Hv'd individual plants.

*

-8

8/23

4776

Hv'd individual plants.

*

-9

8/20

4777

Hv'd individual plants.

*

-10

8/23

4778

Hv'd individual plants.

*

B6326A2-1

8/29

4779

Gulfrose/2 x B55-646

-2

8/29

4780

Genually, not looking!

Paw

Paw

11/12/88

B6326 A2-3

Shelton / B55-646

4781

8/28

Pay

-4

4782

8/30

Pay

B6326 A4-1

4783

8/30

Pay

-2

4784

8/29

Pay

-3

4785

8/26

Pay

-4

4786

8/29

Pay

B6326 A6-1

4787

8/30

Pay

-2

4788

8/29

Pay

B6326A6-3

8/30

4789

Pan

-4

8/29

4790

Pan

B6329A1-1

Bolt 50/3 x Jodulta

9/13

4791

Pan

-2

9/11

4792

Pan

-3

9/16

4793

Pan

-4

9/14

4794

Pan

-5

9/15

4795

Pan

-6

9/15

4796

Pan

4797

B6329A1-7

9/15

~~Pay~~

-8

4798

9/13

~~Pay~~

-9

4799

9/15

~~Pay~~

-10

4800

9/11

~~Pay~~

		<i>alt.</i> <i>Iodine</i>		
B6334A6	C.I. 9545 X Nova	8/23	4801	
	L		<u>Hu</u>	
	31			
B6334A7		8/19	4802	
	L		<u>Hu</u>	
	24			
B6335A2	C.I. 9545 X C.I. 9534	9/3	4803	
	L - I			
	14		<u>Bulkhead</u>	
✓		9/2	4804	
B6336A2	C.I. 9545 X Northman	8/26	4805	
	L		<u>Hu</u>	
	29			
B6336A3		8/28	4806	
	L		<u>Hu</u>	
	25			
B6336A4		8/22	4807	
	L		<u>Hu</u>	
	26			
B6336A5		8/24	4808	
	L		<u>Hu</u>	
	22			

4809

B6336A6-BH

8/25

all
Iodine
2

Hy

7-L
29

4810

B6337A1-BH

CL 9545

8/26

X B5818A15-20-3

L
18

4811

✓

8/23

4812

Bu Hest

✓

8/24

4813

✓

8/28

4814

B6336A6-BH

8/23

L
20

4815

✓

8/25

4816

Bu Hest

✓

8/24

B63307A6

*adh.
Iodine*

8/23

4817

B6338A1,

CT.9545 X CT.9562

8/29

4818

L
24

✓

8/30

4819

✓

Buckley

8/30

4820

✓

8/30

4821

B6338A2

8/29

4822

L
23

✓

8/20

4823

✓

Buckley

8/29

4824

all
Iodine

4825 B6338A2

8/29

4826 B6339A1, CT.9545 X PI.275423

8/23

L
19

4827

✓

8/29

4828

✓

8/26

4829

✓

8/28

4830 B6339A5

8/30

L
19

4831

✓

8/29

4832

✓

8/30

B6339A5

*alt.
Indine*

8/29

4833

B6342A1, CI.9545 X B589A3-16-4

8/28

4834

L
16

✓

8/29

4835

✓

Budley

8/29

4836

✓

8/27

4837

B6342A2

8/27

4838

L
17

✓

8/23

4839

✓

Budley

8/28

4840

ack
Isoline

4841

B6342A2

8/30

4842

B6344A3

C.I. 9534 X C.I. 9570

9/1

~~B6344A2~~

I
12

✓

4843

9/5

4844

Buddy

✓

9/2

4845

✓

9/2

4846

B6344A4

9/2

I-L
12

✓

4847

Buddy

9/5

✓

4848

9/3

all
Iodine
 B6344A4

9/4

4849

B6345A1 C.I. 9534 x C.I. 9442

9/7

4850

L-I

14

✓

9/6

4851

✓

Buckley

9/7

4852

✓

9/4

4853

B6346A3 C.I. 9534 x C.I. 9572

9/6

4854

L-I-A

25

✓

9/4

4855

✓

Buckley

9/6

4856

4857	B6346A4	9/7	alk Iodine	
4858	✓	8/30	I-H 24	
4859	✓ <i>Beck</i>	9/2		
4860	✓	9/5		
4861	B6348A1-2	B5335A3-10-3 8/30	XOS-57 (Congo) I 11	
4862	✓ <i>Beck</i>	8/27		
4863	✓	8/30		
4864	B6348A3	8/30	I 10	

B6348A3

alk.
Jedine

8/29

4865

✓

Burdick

8/30

4866

✓

8/31

4867

B6349A1

B5335A8-10-3 X B572A1-6-5-10

9/3

4868

I
13

✓

9/3

4869

✓

Burdick

8/29

4870

✓

8/30

4871

B6349A7

I
14

8/31

4872

4873

B6349A7

8/31

alt.
iodine

4874

Recher

✓

8/29

4875

✓

9/2

4876

B6350A1,

CP-231 X CJ. 9520

8/31

I
20

4877

✓

9/5

4878

Recher

✓

9/4

4879

✓

9/3

4880

B6350A2

9/3

I-H
19

B6350A2

all.
lodine

8/31

4881

✓

Buckley

9/2

4882

✓

9/1

4883

B6351A1

CP-231 X CJ. 9570

9/2

4884

I-A

16

✓

9/2

4885

✓

Buckley

9/4

4886

✓

9/5

4887

B6351A2

9/4

4888

L-I
3

4888

B6351A2

all
Dadme

4889

9/3

4891

9/5

4892

B6352A2

9/3

Taichung Nat. I x Bbt.50 - Dima

L-I
18

4893

9/3

4894

9/3

4895

9/3

4896

9/3

B635 ~~4A~~ 2alk.
Jodunk

9/3

4897

T(N)1 X Bbt. 50 - Jodutla

 $\frac{L-Z}{17}$

✓

9/3

4898

✓

Buckley

9/3

4899

✓

9/3

4900

46 1992

3475

55

3501

34

35

36

37

38

39

40

3523

Bulk

3200

10 21 - large number

3461

63

3652

3629

3619

3529

30

Bulk

3555-62 Bulk

3563-67 Bulk

3568-72 Bulk

3718

19

CR FORM 6
APR. 1962

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

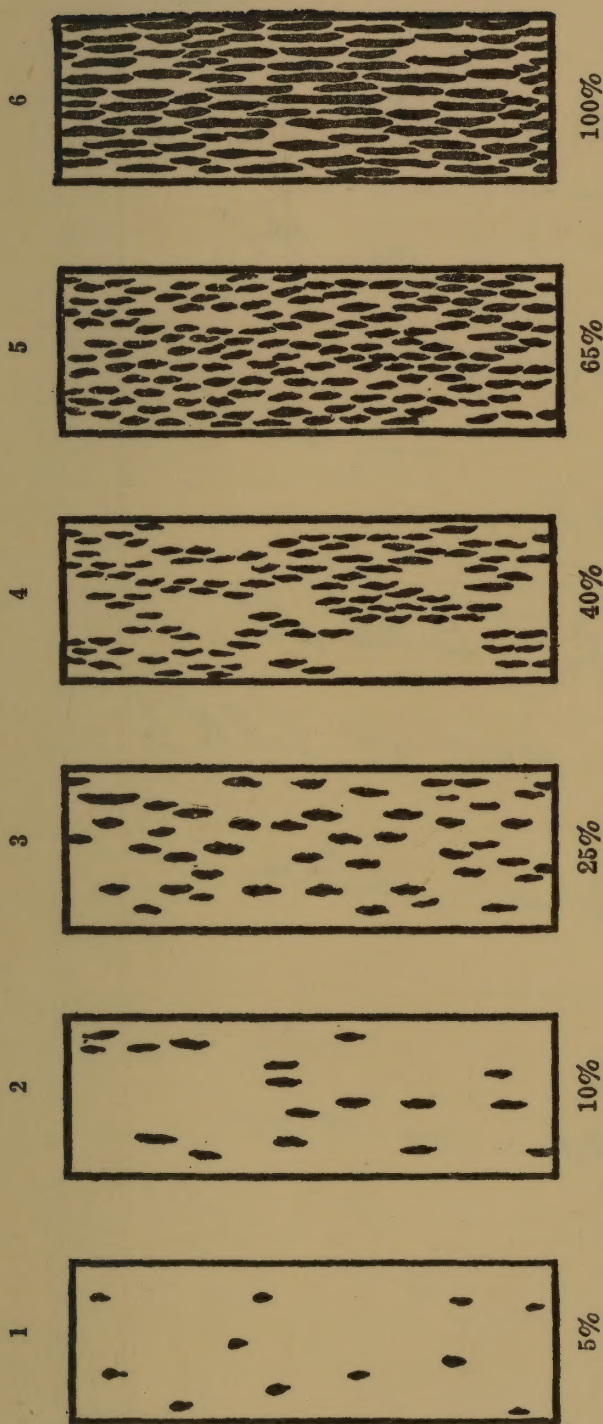


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

Bulk F₂ Pops. cont'd.

4901 - 52³⁹~~40~~

Protein Sels. from Wall Coll.
Seeded 6/11/65

5249 - 5520

272 Sels. page 23

F₄ LINES pp. 41

Bell P. X CI. 9534

Dr. Arthur

S3; 23 W

5521 - 5627

F₂ Pops. from Beltsville

CROSSES MADE AT I.R.R.I.

5628 -

Beltsville pot no. - plant no.

Peru lines.

5240 - 48 pp. 19-20

4901	B6354A2	T(N)1 9/1	alk Jod x (Bbt.50 x Jodutla)	
			L-I 17	
4902	B6356A1	T(N)1 x 9/2	CP231-Jodutla	
	Bull		L-I 8	
4903	✓	9/1		
4904	B6357A1-Bk	B515A1-55-5-3-2-2x 9/1	05-59 Congo	
			I 18	
4905	✓	8/30		
4906	Bull	9/1		
4907	✓	8/31		
4908	B6357A2	9/1	± 8	

Q6357A2

*alt
Iodine*

8/31

4909

✓

8/30

4910

Buckley

✓

8/30

4911

Q6359A1 B581A6-181-1 X

OS-59
Congo

8/30

4912

*I
//*

✓

8/27

4913

Buckley

Q6359A2

8/28

4914

*L-I
//*

✓

8/30

4915

Buckley

Q6360A1

B572A3-47-6-3 X

OS-59

Congo

8/31

4916

*L-I
//**Buckley*

alt
Iodine

4817

B6360A1

8/31

4918

B6360A3

8/30

H/I
12

4919

✓

Buchner

8/25

4920

B6361A2,

B572A3-42-6-3 X B515A1-55-2-1-4

9/3

I
8

4921

✓

Buchner

9/3

4922

✓

9/5

4923

✓

9/6

4924

B6361A4

9/3

L-I
18

B6361A4

9/5

4925

✓

9/5

4926

✓

9/3

4927

B6362A1,

9/8

4928

B581A6-1A1-1 X B515171-55-2-1-4

L-I

11

✓

9/7

4929

✓

9/7

4930

✓

9/6

4931

B6362A3

9/6

4932

I

11

			all Iodine	
4933	B6362A3	✓	9/6	
4934	Buckley ✓		9/4	
4935	✓		9/7	
4936	B6364A1, B5P1A6-1A1-1 X B57A1-6-13-2-1		9/4	I - H 15
4937	✓		9/2	
4938	Buckley ✓		9/4	
4939	✓		9/3	
4940	B6364A4		9/6	I 16

B6364A4

Indie

9/5

4941

✓

Bushy

8/30

4942

✓

8/25

4943

B6366A1

CI. 9545 X

OS-59

8/24

4944

(Cargo)

L-I

11

✓

8/20

4945

✓

Bushy

8/30

4946

B6366A2

8/30

4947

I-H

12

✓

Bushy

8/29

4948

4949

B6367A1, B5580A1-15X B572A3-47-G-3
9/5

alk
Iodine

I-H
24

4950

✓

9/5

Bushy

4951

✓

9/1

4952

✓

9/3

4953

B6367A5

9/4

I-H
19

4954

✓

9/3

Bushy

4955

✓

9/3

4956

✓

9/3

B6368A2

alk
IodineB6t.50-Jodutla x Congo
8/19

OS-77

4957

L-I-H

24

✓

8/23

4958

Buckley

✓

8/22

4959

(OS-77)

B6371A1 CP231-Jodutla x Congo

9/5

4960

F
18

✓

9/3

4961

✓

8/31

4962

Buckley

✓

9/1

4963

✓

9/2

4964

4965	B6372A1	C.I. 9545 X B572A3-3A2-1-1	alk iodine
	✓	9/3	L 23
4966	✓	9/3	
4967	<u>Bulldog</u> ✓	9/3	
4968	✓	9/2	
4969	B6372A2	9/3	L 24
4970	✓	9/4	
4971	<u>Bulldog</u> ✓	9/1	
4972	✓	9/3	

B6373A1

alk
Iodine

C.I. 9545

X B572A3-SP-2-2-2

9/5

4973

L
23

✓

9/11

4974

✓

Budley

9/6

4975

✓

9/12

4976

B6373A3

L
22

9/6

4977

✓

9/6

4978

✓

Budley

—

4979

✓

9/4

4980

		<i>allholi</i> <i>lockline</i>	
4981	B6374A2, B575A1-57-2x Congo 8/22		05-77
4982	<i>Bushy</i> ✓ H-I 24 8/21		
4983	B6375A1, B575A1-57-2x B581A6-1A1-1-4 8/24		
4984	✓ L-I-H 21 8/24		
4985	<i>Bushy</i> ✓ 8/25		
4986	✓ 8/25		
4987	B6375A2 8/24		
4988	<i>Bushy</i> ✓ I-H 17 8/23		

B6325A2

*all
Jodine*

8/25

4989

✓

8/25

4990

B6326A1

B5334A1-25-1 X

8/23

4991

B575A1-57-2-2-3

I - 4/22

✓

8/24

4992

✓

Buckley

8/22

4993

B6326A3

8/23

4994

L-I

20

✓

8/25

4995

✓

Buckley

8/23

4996

Abel
Jodine

4997

B6376A3

8/23

4998

B6376A5

8/24

L-I
23

4999

Deleted ✓
✓

8/24

5000

8/23

*alkali
Iodine*

B6376A5

8/24

5001

B6377A1,

B5334A1-25-1 X ^{CF} 9545

9/6

5002

L

15

✓

9/5

5003

✓

Buckley

8/30

5004

✓

9/6

5005

B6377A2

9/6

5006

L

16

✓

9/6

5007

✓

Buckley

9/6

5008

all right
Iodine

5009

B6377A2

9/4

5010

B6378A1, B5334A1-25-1 X B572A3-4715-2-2

9/6

L-I

14

5011

✓

9/6

5012

Bullhead

✓

9/6

5013

✓

9/7

5014

B6378A2

9/7

L-I

13

5015

✓

9/7

5016

Bullhead

✓

9/7

*all
Iodine*

B6378A2

9/7

5017

B6379A2

B5334A1-25-1 X OS-77

8/31

5018

(Congo)

L-I/11

✓

8/31

5019

✓

8/31

5020

Buckley

✓

8/30

5021

B6379A4

8/31

5022

L-I

12

✓

8/30

5023

Buckley

✓

8/31

5024

all li
Jodine

5025

B6379A4

8/24

5026

B6380A1, B533A1-25-1 X B5380A1-15

9/6

L-I-H

31

5027

✓

9/7

5028

Buckled

✓

9/6

5029

✓

9/7

5030

B6380A2

9/7

L-I

29

5031

✓

9/5

5032

Buckled

✓

9/7

*all
Iodine*

B6380A2

9/6

5033

B6382A1

B5580A1-15 X CJ. 9545

9/3

5034

L
20

✓

9/3

5035

✓

Bulky

9/5

5036

✓

8/25

5037

B6382A2

8/31

5038

I-H
23

✓

8/31

5039

✓

Bulky

9/3

5040

*Alkali
Iodine*

5041

B6382A2

8/31

5042

B6383A1(CP231 x SLO-17) x Congo

8/30

L-H

11

5043

✓

9/1

5044

✓

8/31

Bushy

5045

✓

8/30

5046

B6383A2

8/30

I-H

16

5047

✓

8/30

Bushy

5048

✓

8/29

*add'l
Iodine*

B63P3A2

8/29

5049

B63P4A1

9/1

5050

(CP231 X SLO-17) X (P.I. 215936 X C.I. 9214)

I-H/26

✓

9/1

5051

✓

Bulldog

9/1

5052

✓

9/2

5053

B63P4A3

9/2

5054

*L-I
18*

✓

8/31

5055

✓

Bulldog

9/2

5056

*all
Iodine*

5057

B6384A3

9/2

5058

B6385A1

8/12

{B.P. x [(CP231/3 x Bbt.50)₂ x P.I.215936]}
X
(P.I.215936 x Gulfrose)
44

✓

5059

8/12

L-I

5060

Bulb

✓

8/12

5061

✓

8/16

5062

B6386A1

8/19

{B.P. x [(CP231/3 x Bbt.50)₂ x P.I.215936]}
X
C.I.4545 23

✓

5063

8/19

L

5064

Bulb

✓

8/19

*all the
Iodine*

B6386A1

8/19

5065

B6386A2

8/18

5066

L
29

✓

8/19

5067

✓

8/19

5068

Budd

✓

5069

B6387A1

8/23

5070

{B.P. x [(CP.231/3 x Bbt.50)₂ x P.I. 215936]}

B.P.

18

✓

I

8/19

5071

✓

8/18

5072

Budd

*all the
Jodine*

5073

B6387A1

8/18

5074

B6389A1

8/20

{B.P. x [(CP.231/3 x Bbt.50)₂ x P.I.215936]}
x
[(CP.231/3 x Bbt.50)₂ x P.I.215936]

✓

5075

8/19

L - I
17

5076

Bullied

✓

8/19

5077

✓

8/19

5078

B6389A3

8/19

L - I
17

5079

✓

8/20

5080

Bullied

✓

8/20

allu
Iodine

B6389A3

8/19

5081

B6391A1

8/23

5082

(Gulfrose x P.I. 215936)

x [(BP x [CP231/3 x Bht 50/2 x P.I. 215936]] x P.I. 215936

✓

L
17

8/21

5083

✓

Bushy

8/23

5084

B6391A4

8/23

5085

L-I
13

✓

8/24

5086

✓

Bushy

8/23

5087

✓

8/25

5088

cellulose
Jodine

B6392A1, B5D8A15.15.2.1 X C19545

5089

8/24

L
17

✓

5090

8/28

Buckley

✓

5091

8/30

✓

5092

8/29

B6392A3

5093

8/29

L
22

✓

5094

8/27

Buckley

✓

5095

8/30

B6394A2 C.I. 9544 Sol. X Bole Patm

5096

8/22

I
17

B6394A2

chula
Iodine

8/21

5097

✓

Bull

8/23

5098

B6394A4

8/19

5099

 $\frac{I-H}{19}$

✓

Bull

8/21

5100

		<i>all the Iodine</i>		
5101	B6394A4	8/22		
5102	↑ ✓	8/23		
5103	B6395A1, R5580A15-2-3 X B572A3-476	9/2		
		L-I-A. 19		
5104	✓	8/30		
5105	<i>Bush</i> ✓	9/2		
5106	<i>Bush</i> ✓	9/2		
5107	B6395A2	9/5		
		I 22		
5108	<i>Bush</i> ✓	8/30		

Adelphi
Iodine

B6395A2

9/2

5109

✓

9/2

5110

B6398A2

9/20

5111

B6t.50 x [B6t.50/4 x G.H.rose] x B6t.50

L/28

✓

9/20

5112

Adelphi

✓

9/19

5113

B6398A4

9/20

5114

L
25

✓

9/20

5115

Adelphi

✓

9/19

5116

5117	B6399A1,	<i>Albini</i> Jodine	B5P18/15-15-2-1 X B621A	8/24	L 39
5118	✓			8/24	
5119	✓			8/24	
5120	B63103A5			9/19	L 23
	Bbt. 50 x (Bbt. 50/A x Gulfrose)				
5121	✓			9/17	
5122	B63103A7			9/17	L 23
5123	✓			9/18	
5124	B63110A1			9/17	L-2/19
	[Irr. dwarf Bbt 50 x (Irr. Dwarf CP231 x Bbt 50)]				
	X				
	P.I. 276877				

B63110A1

~~adeline~~
adeline

9/7

5125

L-I

✓

9/9

5126

✓

9/7

5127

B63110A3

9/9

5128

L-I

21

✓

9/8

5129

✓

9/7

5130

✓

9/6

5131

B63111A1

9/9

5132

[(Irr. dwf. CP231 x Bbt 50) x (Bbt 50/2 x Gulfrose)]

X

L-I/17

P.I. 276,877

*all
iodine*

5133

B63111A1

9/6

L-I

5134

Bu ✓

9/10

5135

B63111A6

9/4

L
17

5136

Bu ✓

9/9

5137

✓

9/8

5138

B63112A4

8/24

(Gulfrose x P.I. 215936) x MoR500 - Nato

L
41

5139

✓

8/24

5140

Bu ✓

8/19

B63112A5

all
Iodine

8/25

5141

L
44

✓

8/25

5142

Buckley

✓

8/24

5143

B63113A2

9/18

5144

Bbt 50 x (Bbt. 50/4 x Gulfrose)

L
22

✓

9/17

5145

✓

Buckley

9/16

5146

✓

9/18

5147

B63113A3

L
28

9/16

5148

Buckley

all 6
Iodine

5149

B63113A3

9/17

↑

5150

B63116A2

9/19

Bbt. 50 x (Bbt. 50/4 x Gulfrose)

L
24

5151

✓

9/20

Bolted

5152

✓

9/20

5153

B63117A2

9/19

Bbt. 50 x (Bbt. 50/4 x Gulfrose)

L
23

5154

✓

9/18

5155

✓

9/19

Bolted

5156

✓

9/16

		<i>all but</i> <i>Jodine</i>		
	B63117A2		9/19	5157
	B63118A1		9/13	5158
	Bbt, 50 x (P.I. 215436 x C.I. 9214)	L 28		
✓			—	5159
✓		<i>Budley</i>	9/9	5160
✓			9/15	5161
	B63118A2		9/13	5162
		L-1 26		
✓		<i>Budley</i>	9/14	5163
✓			9/13	5164

alkali
Iodine

5165

B63118A2

9/13

5166

B63121A4

(B55-646 x Gulfrose) x Bbt. 50

8/31

L-I
26

5167

✓

9/12

Buckley

5168

✓

8/31

5169

B63121A9

8/25

L-I
24

5170

✓

9/1

Buckley

5171

B63123A2

8/31

(Bbt. 50/2 x Gulfrose) x (RZ 1512 x Lac)

L/43

5172

✓

8/24

Buckley

B63/23A2

adobe
Iodine

L

8/23

5173

✓

8/24

5174

B63/23A3

L
42

8/25

5175

✓

8/24

5176

✓

8/23

5177

✓

8/30

5178

B63/24A2

8/27

5179

(Bbt. 50/2 X Gutfrease) x (Mar 500 x Nato)

L
52

✓

8/29

5180

Bullet

			<i>ahali</i> <i>Iodine</i>	
5181	B63124A2	8/31	L	
5182	B63124A3	8/31	L 55	
5183	✓ <i>Bull</i>	8/30		
5184	✓ <i>Bull</i>	8/30		
5185	B63125A2 C.I. 9544 X (Mo. R-500 X Nato)	8/19	L-I/29	
5186	✓ <i>Bull</i>	8/19		
5187	B63125A5	8/20	L-I/32	
5188	✓ <i>Bull</i>	8/20		

alcohol
Iodine
 B63126A3
 8/19
 C.I. 9537 X (Mo. R-500 X Nato) 5189

✓
 L-I/30
 8/21 5190

✓
Buckley
 8/19 5191

B63126A6
 8/19
 L-I/27 5192

✓
Buckley
 8/20 5193

B63127A1 C.I. 9544 X C.I. 9537
 8/20 5194

✓
Buckley
 I
 16
 8/23 5195

B6311A2
 8/23 5196
 B.P. X (CP 231 X H012)
 C.I. 9534 I

alcohol
Iodine

B6311A2

5197

8/22

±

✓

5198

8/23

✓

5199

8/21

✓

5200

8/22

all hall
Iodine

B6311A2

8/23

5201

I

B6311A3

8/21

5202

I

—

✓

8/23

5203

✓

8/23

5204

✓

8/23

5205

Bush

✓

8/20

5206

✓

8/19

5207

B6312A1

I - H/33 8/22

5208

(CP231 X 8970) X (C.P.231 X H012)

alshadi
Iodine

B6312A1

5209

8/23

I-H

✓

5210

8/21

✓

5211

8/22

Bulch

✓

5212

8/23

B6312A2

5213

8/22

H
29

✓

5214

8/22

✓

5215

8/20

Bulch

✓

5216

8/21

B6312A2	alkali iodine	8/22	5217
B63116A3			5218
(CP231 x H012) x (CP231/3 x B50 2A2-154)	L 30 Buckley		5219
B63119A1		8/22	5220
Obt 50/3 x JoJutla	± 17 Buckley	8/23	5221
B6322A1		8/16	5222
CP231 x JoJutla x BP	L-±/16	8/18	5223
	Buckley	8/18	5224

*alkali
iodine*

Buckley

Buckley

Buckley

*all
Iodine*

5225

B6322A1

8/18

L-I

5226

✓

8/19

5227

B6322A2

8/20

L
17

5228

✓

8/18

5229

✓

8/19

5230

✓

8/19

5231

✓

8/19

5232

B6326A3

8/28

L
38

B6326A3

*all the
Jodine*

8/28

5233

✓

8/29

5234

B6326A4

8/27

5235

L
39

✓

8/25

5236

✓

8/26

5237

✓

8/25

5238

B6329A1

9/13

5239

B6t.50/3 x Jodine

L-I

Hv

19

P.I. 286264-1

5240

L
24Hv
10-22

5241

PI. 286264-2

Hv 10-22

L
23

5242

PI. 286264-3

Hv 10-22

L
23

5243

PI. 286264-4

Hv 10-22

L
26

5244

PI. 286264-5

Hv 10-22

L
24

5245

PI. 286264

Hv 10-22

L
28

5246

PI. 286279

Hv 10-14

8/31

L
35

5247

PI. 286283-GOLD

9/5

Hv 10-14

L-I-H
60

5248

PI. 286283-Straw

9/6

Hv 10-14

L-I
62

Protein Sel. from 1964 Wally Coll. Malawi					20' min, 12" cent		23	
Sown 6-11-65								
BMT. NO.								
		1965 gm. wt.	1964 Protein Ext. (NX5.95)	1965			Days to Maturity Harding date + 30 days	
2009	TUNG-TING yellow (CHINA)	108	10.1	10-10			5249	
	CI. 5548-1						152	
2282	SAN PAI HU	364	9.5	9/7			5250	
	PI. 160636			Hv. 10/1		117		
2531	PI. 160952		11.1	9/7			5251	
				Hv. 10/1		117		
2533	PI. 160955	43	9.7	8/31			5252	
				Hv. 10/1		110		
2536	PI. 160962	311	10.7	9/9			5253	
				Hv. 10/1		119		
2616	PI. 161065	88	9.7	9/13			5254	
				Hv. 10/1		124		
2626	PI. 161076	294	9.5	9/13			5255	
						124		
2655	CI. 9402	148	10.3	9/5			5256	
				Hv. 10/1		116		

		1965 10. gm.	Protein 0.4 0.5	M. Hardy
5257	PR 325 (China)	917 142 Hv. 10/1	9.5	2657 117
5258	PR 332 "	9115 134	10.3	2658 126
5259	CI. 9044 "	919 145 Hv. 10/1	9.7	2660 119
5260	CI. 9097 "	917 122 Hv. 10/1	9.7	2661 117
5261	CI. 9222 "	917 158 Hv. 10/1	10.1	2662 117
5262	CI. 9045 "	917 120 Hv. 10/1	9.5	2665 117
5263	CI. 9224-1 "	9110 145 Hv. 10/1	9.5	2673 121
5264	CI. 9224-2 "	918 186 Hv. 10/1	10.3	2674 118

		1965 Yield gm.	Protein G/100 G		Maturity
2676	CI. 9225-1	(China)	9.7	9/22	5265
		153		Hv. 10-20	133
2677	CI. 9225-2	"	9.5	9/22	5266
		159		Hv. 10-22	133
2678	PR 343 (433)	"	9.2	9/8	5267
		202		Hv. 10/1	118
2685	CI. 9219-1	"	9.0	9/8	5268
		218		Hv. 10/1	118
2686	CI. 9219-2	"	9.5	9/8	5269
		152		Hv. 10/1	118
2044	KIT MIN	(China)		8/30	5270
	CI. 7378		5.5		
		512		Hv. 9/24	111
2139	CHING YAN CHAN				
	PI. 160463		6.1	8/30	5271
		569		Hv. 9/24	111
2170	Lu Y 132	HAO		8/19	5272
	PI. 160501		6.1		
		295		Hv. 9/24	100

5273

HEI T4 4 HAO

PI. 160581

Hv. 9/24

1605
Yield
- 1/2

8/23

618

Pentecost
64
65

6.1

2235

103

5274

TA CHANG CHIN

PI. 160614

Hv. 9/24

8/24

297

6.1

2264

104

5275

PI. 160667

Hv. 9/24

8/28

434

5.9

2310

108

5276

PI. 160702

Hv. 9/24

8/31

240

6.2

2342

111

5277

PI. 160718

Hv. 9/24

8/31

374

6.2

2354

111

5278

PI. 160757

Hv. 9/24

9/3

268

6.2

2384

114

5279

PI. 160758

Hv. 9/24

8/31

362

6.1

2385

111

5280

PI. 160772

Hv. 9/24

8/30

736

6.1

2403

110

	1965	Kilg gr.	Protein 64/65		Mark	
2442	PI. 160812		<u>6.2</u>	8/25		5281
		231		Hv. 9/24	105	
3175	CI. 8341		(TAIWAN) <u>6.2</u>	9/2		5282
		316		Hv. 10/1	113	
3222	CI. 8508		(") —	8/22		5283
		255			102	
3233	CI. 8614		" <u>6.2</u>	8/31		5284
	MIXTURE 378			Hv. 10/1	111	
3241	PI. 215821		" <u>6.1</u>	9/2		5285
		210		Hv. 10/1	113	
3248	PI. 215849		" <u>6.1</u>	9/2		5286
		428			113	
2687	CI. 9219-3		(China) <u>9.5</u>			5287
		—				
2688	SD 128		" <u>9.5</u>	9/9		5288
		127			120	Hv

		1965 Yield (g/m ²)	Ratio 64/65	Max.
5289	CI. 9215 (U.S.)	10-10 —	10.3	2962 151
5290	CI. 8380 (TAIWAN)	10-8 —	9.5	3198 149
5291	CI. 8408 "	195	10.1	3205 —
5292	PI. 226307 (EGYPT) Hv. 9/15	8121 142	9.5	3311 101
5293	CI. 5866 (U.S.S.R.) Hv. 9/15	8123 233	9.5	3385 103
5294	CI. 5876 "	8123 216	10.3	3386 103
5295	PI. 266123 "	8110 164	10.1	3397 90
5296	PI. 265114 (POLAND)	7130 43	10.1	3409 79

1965
Kilg
gm.

Protein
64
65

Mat.

3416

PI. 175019

(PORTUGAL)

10.1

8/21

5297

101

Hv. 9/15

153

3429

PI. 189458

"

9.5

8/22

5298

102

Hv. 9/14

139

3431

PI. 189464

"

9.8

8/22

1025299

Hv. 9/14

117

3432

PI. 189466

"

9.7

8/16

5300

96

202

		1965	Protein	Mod.
		YIELD (gm)	$\frac{64}{65}$	
5301	PI. 164982	(TURKEY) 8/21		3443
Hv. 9/14		125	$\frac{10.3}{10.3}$	101
5302	PI. 164985	" 8/21		3444
Hv. 9/14		158	$\frac{10.3}{10.3}$	101
5303	PI. 164986	" 8/3		3445
		116	$\frac{10.1}{10.1}$	83
5304	PI. 167121	" 9/2		3456
Hv. 9/24		160	$\frac{9.7}{9.7}$	113
5305	PI. 172526	" 9/7		3468
	Severe leaf blast;	17	$\frac{10.1}{10.1}$	118
5306	PI. 176370	" 8/19		3472
Hv. 9/15	Severe leaf blast; some plants dead!	63	$\frac{8.8 \text{ Kilo.}}{8.8 \text{ Kilo.}}$	99
5307	PI. 238494	(ARGENTINA) 8/19		3509
Hv. 9/14		186	$\frac{9.7}{9.7}$	99
5308	PI. 247944	(BRAZIL) 9/10		3540
	MIXTURE?	184 Hv. 10/1	$\frac{9.5}{9.5}$	121

		1965 Yield (gms)	Protein 64/65	Mult.	
3549	CI. 5866		(U.S.S.R.)	8/22 102	5309
Same as	5293?	259	9.5		Hv. 9/14
3550	CI. 5876		"	8/22 102	5310
Same as	5294?	244	10.3		Hv. 9/14
3561	CI. 8055		(AUSTRALIA)	9/7	5311
		158	10.1	118	
3570	PI. 245354		(CUBA)	9/21	5312
		332	9.5	132	
3589	PI. 202864		(COSTA RICA)	9/19	5313
		385	10.1	130	
3249	PI. 215 215854		(TAIWAN)	8/31	5314
		371	6.1	111	
3250	PI. 215859		"	9/13	5315
		241	6.2	114	
3252	PI. 215875		"	9/15	5316
		199	6.2	116	

		Protein	Wt.
		Yield (gms)	64 65
5317	PI. 215937	(TAIWAN) 915	3269
		251	116
5318	PI. 215942	" 914	3274
		414	115
5319	PI. 215945	" 913	3276
		281	114
5320	PI. 215953	" 915	3279
		200	116
5321	PI. 215990	" 913	3295
		322	114
5322	PI. 216001	" 911	3297
		282	112
5323	PI. 216018	" 915	3301
		254	116
5324	PI. 233881	(EGYPT) 9113	3320
		121	124

	1965 Yield (gms)	Protein 64/65		
3334	CI. 8071	(ITALY)	8/24	5325
	201	6.2	104 Hv. 9/15	
3466	PI. 167931	(TURKEY)	8/17	5326
	151	6.2	97 Hv. 9/15	
3594	PI. 214077	(JAMAICA)	9/19	5327
	230	9.5	130	
3617	CI. 5256	(GUATEMALA)	9/13	5328
	515	10.1	124 Hv 10-22	
3628	PI. 263828	(SURINAM)	9/15	5329
	132	10.1	126 Hv 10-22	
3631	PI. 247952	"	10-12	5330
	241	10.3	153	
3654	CI. 5354	(AFRICA)	9/4	5331
	234	9.5	Hv. 9/24 115	
3655	CI. 5354-1	"	9/5	5332
	—	9.5	Hv. 9/24 116	

		1965 Xill (gm)	Protein 64 65	Wt 71.4
5333	PI. 201177	(AFRICA) 9/17 325	10.1	3673 128
5334	PI. 222405	" 10-12 179	10.3	3678 153
5335	PI. 222412	" 10-12 —	11.7	3680 153
5336	PI. 266093	(CEYLON) 9/22 301	11.1	3704 133
5337	CI. 5343-1	(China) 329	9.5	3720 133
5338	CI. 5330	" 10-10 112	9.5 Hara	3723 151
5339	CI. 5483-2	" 9/14 60	9.7	3725 115
5340	CI. 6245 Muf'ia Sy.	" 9/15 201	10.1	3728 126

	1965 Yield (gms)	Panther 64 65	Walt.
3743	PI. 184675-1	(IRAN) 9/9 11.1 Hv. 10/1	5341 120
3751	PI. 248166	(MALAYA) 44 9.5 276	5342 —
3758	PI. 248488	(TAIWAN) 9/6 reg. 10.3 220 Hv. 10/1 (early phase)	5343 117
3760	PI. 202247	(THAILAND) 9/19 9.7 261 Hv 10-22	5344 130
3763	CI. 8086	(VIET NAM) 10.3 288	5345 —
3768	PI. 198134	(BURMA) 9/21 10.1 105 Hv 10-22	5346 132
3770	PI. 198139	" 10.3	5347 117
3773	PI. 222401	" 10.7 10-15	5348 157

		1965 Yield (gms)	Protein 64/65	Max
5349	PI. 222434	(BURMA)		
		10-15	10.7	3774
		—	—	157
5350	CI. 2074	(INDONESIA)		
		10-10	10.3	3780
		79	—	150
5351	CI. 2075	"		
		10-10	10.1	3781
		123	—	150
5352	CI. 2075-1	"		
		10-10	10.1	3782
		92	—	150
5353	CI. 2075-2	"		
		10-5	10.3	3783
		192	—	145
5354	CI. 7203	"		
		—	10.1	3802
		—	—	—
5355	CI. 8636-4	"		
		10-8	9.5	3812
		106	—	148
5356	PI. 181974	"		
		10-17	10.7	3818
		—	—	157

	1965	Protein		
	Vault (gum)	64/65		Walt.
3820	Pt. 181926	(INDONESIA)		5357
	—	<u>9.7</u>	10-17	157
3821	Pt. 181927	"		5358
	—	<u>9.5</u>	10-17	157
3829	Pt. 220720	"		5359
	—	<u>10.3</u>		—
3843	Pt. 220748	"		5360
	—	<u>9.5</u>		—
3844	Pt. 220749	"		5361
	—	<u>10.1</u>		—
3845	Pt. 220750	"		5362
	—	<u>10.3</u>	10-13	153
3848	Pt. 233289	"		5363
	—	<u>9.7</u>	10-15	155
3855	CI. 5892	(INDIA)		5364
	228	<u>9.5</u>	10-22	133

		1965 Yield (gm)	Protein 64/65	Wt.
5365 Hv 10-22	CI. 5987	(INDIA) 9119 284	10.1	3857 130
5366 Hv 10-22	CI. 6001	" 9120 532	9.7	3860 131
5367 Hv. 9/14	CI. 8087	" 8122 84	10.6	3882 102
5368 Hv. 9/14	CI. 8092	" 8121 111	10.1	3885 101
5369 Hv 10-22	CI. 8977 Rm. leaf	" 9121 —	12.2	3891 132
5370 Hv 10-22	CI. 8983	" 9120 186	9.5	3894 131
5371 Hv 10-22	PI. 197610 193177	" 344	9.5	3905 131
5372 Hv 10-22	PI. 197610	" 9122 203	9.5	3906 133

	1965 Yield (gms)	Protein 64/65		
3908	PI. 197612	(INDIA)	9/19	5373
	372	9.5	130	Hv 10-22
3911	PI. 198229	"	9/28	5374
	182	11.4	139	
3923	PI. 208452	"	10-13	5375
	126	11.1	155	
3926	PI. 221113	"	9/12	5376
	322	10.1	123	
3945	PI. 233097	"	10-10	5377
	188	9.5	152	
3964	PI. 247890	"	9/21	5378
	292	10.3	Hv 10-22 132	
3969	PI. 260079	"	9/13	5379
	235 (MIXTURE)	11.1	124 Hv 10-22	
4506	PI. 277222	-	9/13	5380
	276	6.4	Hv. 10/1 114	

		1965 Yield (g/m)	Butter 6.4 6.5	7/10/9
5381	Pt. 279150	9/2 283 Hv. 10/1	6.2	4613 113
5382	CI. 2981-1	(PHILIPPINES) 9/30 82	9.7	4029 141
5383	CI. 2990	" 9/26 161	8.9 KIELD.	4030 137
5384	CI. 2990-1	" 9/28 242	9.6 KIELD.	4031 139
5385	CI. 3381-1	" 10-8 —	11.4	4047 150
5386	CI. 3410	" 9/24 245	9.7	4048 135
5387	CI. 3450	" 9/21 246	9.5	4049 132
5388	CI. 3544	" 9/22 143	9.5	4051 133

		1965 Yield (gm)	Portion 64/65		W.D.
4069	C.I. 3829		(PHILIPPINES)	9/20	5389
		114	<u>9.5</u>		131
4078	C.I. 3937-1		"	9/21	5390
		134	<u>9.5</u>		132
4085	C.I. 4011		"	9/30	5391
		127	<u>11.0 Yield</u>		141
4103	C.I. 4218		"	10-13	5392
		117	<u>10.1</u>		155
4104	C.I. 4218-1		"	10-13	5393
		81	<u>9.7</u>		155
4134	C.I. 4497		"	10-8	5394
		136	<u>10.3</u>		150
4136	C.I. 4497-2		"	10-12	5395
		67	<u>10.1</u>		154
4152	C.I. 4630-1		"	9/19	5396
		235	<u>9.5</u>		130
				11-10-22	

		1965 Yield (gm)	Protein 64/65	Moist.
5397	CI. 4660	PHILIPPINES		
		10-12	10.3	4158
		28		153
5398	CI. 4875-2		"	
		10-1	9.7	4172
		53		142
5399	CI. 5195		"	
		9127	9.5	4186
		132		138
5400	CI. 5195-1		"	
		9120	9.7	4187
		68		131

	1965 Yield (gms)	Protein 64/65		Mod.
4191	CI. 5947	PHILIPPINES	8/28	5401
	283	9.7	Hv. 9/24	108
4199	CI. 7337	"	16-12	5402
	50	9.7		153
4200	CI. 7338-1	"	9/12 reg.	5403
	217	9.7		123
4201	CI. 7338-2	"	9/15 reg.	5404
	204	9.5		126
4202	CI. 7338-3	"	9/19	5405
	141	9.5		130
4203	CI. 7338-4	"	9/20	5406
	99	9.5		131
4205	CI. 7338-5	"	9/19	5407
	CI. 8930	10.4 Kjeld.		130
	138			
4206	CI. 8933	"	9/4	5408
	264	9.3 Kjeld.	Hv. 10/1	115

		1965 Yield (gms)	Protein 64/65	Heat
5409	CI. 8937	915	PHILIPPINES 8.7 Kj.	4207
	Hv. 9/24	147		116
5410	CI. 8960	916	9.5	4214
		328		117
5411	CI. 8968-1	9112	9.5	4219
		177		123
5412	CI. 8968-2	9112	9.7	4220
		290		123
5413	PI. 220417	9/30	10.5 Kj.	4226
		335		141
5414	PI. 220422		10.4 Kj.	4232
		121		—
5415	PI. 223559	9113	9.7	4239
		270		124
5416	PI. 223560	9113	9.5	4240
		150		124

		1965 Yield (gms)	Protein 64/65		Met.
4244	PZ.	226153		PHILIPPINES	5417
		—	10.3	—	—
4246	PI.	260660		"	5418
		384	9.5	9/14	125
4248	PI.	260662		"	5419
		154	9.6	10-12	153
4249	#75	(B61-202)		SURINAM	5420
		294	11.1	9/30	141
4271	CI.	9424		USA	5421
		93	9.7	10-5	147
4296	CI.	5302a		"	5422
		80	9.7	10-12	153
4302	CI.	5796		-	5423
		355	10.1	8/31	111
4317	CI	8913-2		HAITI	5424
		236	8.8 Ki	9/7	118
				Hv. 10/1	

		1965 Kilb (gm)	Ratio 64/65	Mixt.
5425	ct. 8917	9/10 137 Hv. 10/1	HAITI <u>9.1 Kj.</u>	4318 121
5426	ct. 8922 MIXTURE	9/9 320 Hv. 10/1	" <u>9.5</u>	4325 120
5427	ct. 8300 Hv 10-22	9/22 146	AFRICA <u>9.0 Kj.</u>	4332 133
5428	ct. 8305 Hv 10-22	YUGOSLAVIA 9/18 138	<u>9.0 Kj.</u>	4335 129
5429	C 5298 Hv 10-22	9/19 62/7	- <u>8.5 Kj.</u>	4365 130
5430	C 5569 Hv 10-22	9/11 160	- <u>9.8 Kj.</u>	4371 122
5431	C 5823	9/15 188	- <u>8.8 Kj.</u>	4373 126
5432	ct. 8370	9/6 244 Hv. 10/1	- <u>9.5</u>	4383 117

	1965 Kalt (gm)	Porter 64/65		Mod.	
4387	Ct. 8409	11.4	9/27 Sey.	138	5433
4388	Ct. 8419	8.1 Kj.	8/29		5434
	109		Hv. 9/24	110	
4390	Ct. 8427	9.5	8/30		5435
	232		Hv. 9/24	111	
4400	Ct. 8483	10.1	8/29		5436
	142		Hv. 9/24	110	
4428	Pt. 184675-2	10.1	9/7		5437
	195		Hv. 10/1	118	
4429	Pt. 184675-3	9.7	9/7		5438
	177		Hv. 10/1	118	
4430	Pt. 184675-4	10.1	9/8		5439
	154		Hv. 10/1	119	
4444	Pt. 215880	9.5	9/2		5440
	424		Hv. 10/1	113	

		1965 Yield (gm)	Porter 6/4/65	Mab
5441	PI. 247951	42	10.3	4454 —
5442	PI. 267999	8/18 173	9.9	4468 98
5443	PI. 271890	7/28 103	10.1	4478 76
5444	PI. 275545	9/13 118	9.5	4489 124
5445	PI. 276487	9/24 341	10.3	4492 135
5446	PI. 276759	9/12 163	10.2	4493 123
5447	PI. 276760	9/27 115	9.7	4494 138
5448	PI. 276902	9/30 208	11.1	4498 141

	1985 Yield (gm)	Ratio 64/65		Mod	
4503	Pt. 277220	9.5	8/31	5449	
	411		Hv. 9/24	111	
4520	Pt. 277231	10.7	9/2	5450	
	205		Hv. 10/1	113	
4565	Pt. 277406	9.7	9/6 Sig. 8	5451	
	282		Hv. 10/1	117	
4566	Pt. 277406	9.7	9/6	5452	
	300		Hv. 10/1	117	
4569	Pt. 277408	11.1	9/12	5453	
	145			123	
4573	Pt. 277411	9.7	9/1	5454	
	255		Hv. 10/1	112	
4576	Pt. 277413	10.3	9/6	5455	
	163			117	
4577	Pt. 277413	9.7	9/7	5456	
	145			118	

		Protein Yield (gr)	Protein 04/65	Wt
5457	pt. 277 4/4	9/6	9.7	4579
	Hv. 10/1	254		117
5458	pt. 279124	10-8	10.3	4589
		316		149
5459	pt. 279138	8/23	10.7	4602
chuk	Hv. 9/24	635		103
5460	pt. 279159	8/31	9.2	4619
	Hv. 10/1	293		111
5461	pt. 279163	9/12	10.1	4623
		520		123
5462	pt. 28/801	10-10	10.3	4659
		28		151
5463	pt. 28/803	10-13	12.3 Ki.	4661
		268		154
5464	pt. 28/805	10-13	10.7	4662
		—		154

	1965 Yield (gm)	Protein 64/65		Mat.	
4667	Pt. 281845	9.5	9/30	141	5465
	282				
4673	Pt. 28860	10.3 Kj.	9/27	138	5466
	324				
4677	Pt. 281916	10.1	10-13	154	5467
	189				
4695	Pt. 282177	9.5	8/1	81	5468
	85				Hv
4706	Pt. 282189	11.0 Kj.	8/1	81	5469
	144				Hv
4707	Pt. 282190	11.1	8/4	84	5470
	143				Hv
4708	Pt. 282191	10.7	8/4	84	5471
	153				Hv
4709	Pt. 282192	10.7	8/4	84	5472
	158				Hv

		1965 Yield (gr)	Protein 64/65	7/6/68
5473	Pt. 282193	8/4	10.7	4710
<u>HV</u>		146		84
5474	Pt. 282194	8/2	9.7	4711
<u>HV</u>		199		82
5475	Pt. 282195	8/2	10.3	4712
<u>HV</u>		147		82
5476	Pt. 282199	7/28	11.4	4716
<u>HV</u>		—		77
5477	Pt. 282200	7/29	11.4	4717
<u>HV</u>		—		78
5478	Pt. 282201	8/6	9.5	4718
<u>HV</u>		160		86
5479	Pt. 282202	8/2	9.5	4719
<u>HV</u>		207		82
5480	Pt. 282203	8/2	9.7	4720
<u>HV</u>		169		82

1965

Parker
6/4/65

Mach

Pt. 282204

4721

812

5481

157

10.1

82

Hu

Pt. 282405

4722

7129

5482

130

11.4

78

Hu

Pt. 282406

4723

818

5483

173

10.1

88

Hu

Pt. 282408

4725

7128

5484

210

10.1

77

Hu

Pt. 282409

4726

7128

5485

112

9.5

77

Hu

Pt. 282211

4728

7128

5486

169

11.4

neg.

77

Hu

Pt. 282212

4729

813

5487

207

9.5

83

Hu

Pt. 282214

4731

811

5488

93

10.1

81

Hu

		1765 Kilb (m)	Protein 64/65	M ₀ g
5489	Pt. 282216 Hu	7129 133	10.7	4733 78
5490	Pt. 282217 Lv	7128 128	11.1	4734 77
5491	Pt. 282766 Hu. 9/24	914 199	9.5	4741 115
5492	Pt. 282825	916 217	9.5	4753 117
5493	Pt. 282940 Hu. 9/24	8131 581	9.5	4755 111
5494	Pt. 282943 MIXTURE	8131 168	9.5	4757 111
5495	Pt. 282948	413 442	10.7	4762 114
5496	Pt. 283681 Hu	8117 439	9.0	4763 97

1965

Kilp
(3m)Porter
64/65

7/11/81

Pt. 283679

4765

364

2.9 Ki

8/23

103

5497

Hv. 9/14

Pt. 283683

4768

334

8.5 Ki

8/19

5498

99

Pt. 283686

4771

409

8.8 Ki

8/29

5499

Hv. 9/24

109

Pt. 238114

4787

(Tegim)

169

9.7

8/30

5500

Hv. 9/24

110

		1965 Kilg (m)	Protein 64/65	7/10/65
5501	CE. 9287	(IRAG)? 913	9.7	4796
	Hv. 9124	451		114
5502	JAVA LONG		9.5	4798
		28		—
5503	ANTUNES	10/1	9.7	4800
		162		142
5504	MILBURN #3	9112	9.5	4806
		129		123
5505	CT. 8905	10-5 184	10.7	4807
				146
5506	PI-276759	9/22 276	11.1	4808
				133
5507	PT. 06/292-5	10-10 235	10.7	4810
				151
5508	H4 (Ceylon)	9/29 539	8.7	4811
				140

1965

Protein

		Yield (gm)	6.4/65	Made	
4814	TOJUTLA MEXICO	200	11.4	(M.L.) 10-13	5509 154
4815	TOJUTLA	305	11.4	10-10	5510 151
4816	Pt. 279120	—	11.4	10-8	5511 149
4817	Pt. 279122	286	9.5	9/20	5512 131
4818	Pt. 279124	443	10.3		5513 —
4824	(China)	284	9.7	9/2 Hv. 9/24	5514 113
4825	Pt. 271672 (T(N)1)	410	10.3	9/4	5515 115
4827	Pt. 277231	352	11.1	9/4	5516 115

		1965 Kidd (m)	Plot 64/65	Mad.
5517	PT. 279123	9112 278	9.5	4829 123
5518	PT. 279131	915 305	11.7	4831 116
5519	PT. 279171	9119 269	9.7	4838 130
5520	PT. 271672 T(N)1	918 453	10.3	4841 119
5521	B.P. X D, B6287 use B62117 Hvd individual plants.	916	RR 1+6	FAMILY NO. 1
5522	Hvd individual plants.	916		2
5523	Hvd individual plants.	911		2
5524	Hvd ind. plts.	913		3

4	Hv'd ind. plts.	9/4	5525
4	Hv'd ind. plts.	9/3	5526
4	Hv'd ind. plts.	9/3	5527
5	RR 1+6 Hv'd individual plants!	9/2	5528 *
5	" Hv'd individual plants!	8/31	5529 *
6		9/4	5530
6		9/6	5531
6		9/4	5532

5533		9/4		6
5534	<i>late</i> 2 pks. only			7
5535		9/3	RR 166	9
*	Hv'd individual plants			
5536	BELLE PATNA	9/1		CHECK
5537	CI. 9534	9/14		CHECK
5538		9/5		10
5539		9/5		10
5540		9/4		10

11	RR 146	9/3	5541	*
Hv'd individual plants.				
11		9/3	5542	*
Hv'd individual plants.				
12		9/7	5543	
12		9/3	5544	
12		9/3	5545	
13		9/4	5546	
14		9/6	5547	
14		9/5	5548	

5549	9/3	14
5550	9/6	15
5551 ✓	9/3	16
5552 ✓	9/3	16
5553 ✓	9/5	16
5554 ✓	9/1	17
5555 ✓	9/1	18
5556 ✓	9/4	18

18				9/3	✓5557
18				9/4	✓5558
18				9/4	✓5559
18				9/3	✓5560
18				9/2	✓5561
19				8/30	✓5562
19				8/30	✓5563
19				8/30	✓5564

5565

no plants

—

20

5566 ✓

8/30

22

5567 ✓

8/30

22

5568 ✓

8/30

22

5569 ✓

9/1

23

5570 ✓

8/31

23

5571 ✓

8/31

23

5572 ✓

8/31

23

23			9/2	5573	
24		RR 146	8/31	5574	
	Hv'd individual plants.				*
24			9/2	5575	
	Hv'd individual plants.				*
24			9/3	5576	
	Hv'd individual plants.				*
24			9/4	5577	
	Hv'd individual plants.				*
24			9/3	5578	
	Hv'd individual plants.				*
24			8/31	5579	
	Hv'd individual plants.				*
24			9/4	5580	
	Hv'd individual plants.				*

44
5581

8/31

26

Hv'd individual plants

5582

9/1

26

Hv'd individual plants

5583

8/31

26

Hv'd individual plants.

5584

9/3

RR 1+6 29

*

Hv'd individual plants.

5585

9/6

RR 1+6 31

*

Hv'd individual plants.

5586

9/3

31

Hv'd individual plants.

*

5587

9/3

31

*

Hv'd individual plants.

5588

9/3

34.

34				9/1	5589
----	--	--	--	-----	------

34				9/1	5590
----	--	--	--	-----	------

34				9/1	5591
----	--	--	--	-----	------

34				9/4	5592
----	--	--	--	-----	------

35				8/31	5593
----	--	--	--	------	------

35				9/2	5594
----	--	--	--	-----	------

35				8/30	5595
----	--	--	--	------	------

36				9/1	5596
----	--	--	--	-----	------

5597

9/5

36

5598

9/2

36

5599

9/1

36

5600

8/31

36

49	RR 1+6	9/4	5601	*
	Hv'd individual plants.			
49		9/1	5602	*
	Hv'd individual plants.			
49		9/5	5603	*
	Hv'd individual plants.			
49		9/2	5604	*
	Hv'd individual plants.			
52		9/2	5605	
52		9/3	5606	
58		9/3	5607	
58		9/5	5608	

5609		9/4	58
5610		9/4	58
5611		9/3	60
5612		9/3	60
5613		8/30	60
5614		8/31	60
5615		8/31	60
5616		9/5	60

60			9/2	5617
60			9/3	5618
60			9/3	5619
60			9/3	5620
61			8/31	5621
61			9/4	5622
61			9/5	5623
61			9/4	5624

F₂ Pop. from I.R.R.T. cross.
5628-

Beltwill Pst No. -
+ PLANT NO.

5625

9/3

6/

5626

8/30

6/

5627

9/1

6/

5628

8/12-25 X T(N)1

9/20

Beltwill Pst No.

Pt. 263813 X Pt. 271672

129-1

5629

9/6

✓

5630

9/15

129-2

5631

9/12

✓

5632

9/13

✓

Wt & lgt.
measured & compared
Sp. 12 with measured plants.

✓	129-2			9/16	5633	✓
✓				9/16	5634	✓
✓				9/20	5635	✓
✓				9/10	5636	✓
✓				9/15	5637	✓
✓	130-1	Q572A3-47.15 X T(N)/ (PI. 215936 X CI. 9214) X PE. 271672 9/22			5638	✓
✓				9/22	5639	✓
✓				9/18	5640	✓

light 4 cm x 4 cm

light 4 cm x 4 cm (3:1:2)

just a few smooth

had infested plants

5641

✓

9/19

130-1

5642

✓

9/20

130-1

5643

2

9/20

130-2

5644

✓

9/18

~~13~~

5645

2

9/19

✓

5646

2

9/20

130-3

5647

2

9/22

✓

5648

✓

9/20

✓

Wild. indicated yll.
 Not many collections made from this cross.

✓	130-4	8/18		9/19	5649	✓
✓		8/18		9/19	5650	✓
✓		8/18		9/20	5651	✓
✓		8/18		9/21	5652	✓
✓	130-5	8/18		9/20	5653	✓
✓		8/18		9/19	5654	✓
✓		8/18		9/17	5655	✓
✓		8/18		9/20	5656	✓

Red - individual ylls.

5657	✓		9/18	130-5
5658	✓		9/18	130-6
5659	✓		9/19	✓
5660	✓		9/20	✓
5661	✓		9/17	✓
5662	✓		9/18	✓
5663	✓	(CP-231 X H012) X T(N)/1 CI. 9534 X PI. 27/672	8/31	131-1
5664	✓		9/1	✓

Not inspected plants.

131-1

9/6

5665

✓

9/7

5666

✓

9/4

5667

✓

9/5

5668

✓

9/3

5669

✓

9/3

5670

✓

9/4

5671

✓

9/2

5672

9/6
 9/7
 9/4
 9/5
 9/3
 9/3
 9/4
 9/2

5673

B572A1-57-3-6 X T/W/1

132-1

(PT-215936 X CT-9214) X PT-271072

9/5

5674

9/6

✓

5675

9/7

✓

5676

9/8

✓

5677

9/7

132-2

5678

9/9

✓

5679

9/8

✓

5680

9/13

✓

7/12/74
 10/2/74
 10/10/74
 10/17/74
 10/24/74
 10/31/74
 11/7/74
 11/14/74
 11/21/74
 11/28/74
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 12/26/74
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 1/16/75
 1/23/75
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132-3

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5681

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9/1

5684

✓

✓

9/10

5685

✓

132-4

8/31

5686

✓

✓

9/21

5687

✓

✓

9/9

5688

✓

Handwritten note: *Handwritten note*

Had a first level when I -

Pt 215936 X Pt 271672

Thief in instant plate. S.
Sgt, my d r. (Sgt, fun)
Worshiping.

5701

9/8

133-2

5702

9/9

✓

5703

9/12

✓

5704

9/8

✓

5705

9/9

133-3

5706

9/9

✓

5707

9/7

✓

5708

9/9

✓

133-3			9/8	5709	✓
✓			9/9	5710	✓
✓			9/8	5711	✓
133-4			9/10	5712	✓
✓			9/8	5713	✓
✓			9/13	5714	✓
✓			9/8	5715	✓
✓			9/9	5716	✓

5717

9/9

133-5

5718

9/14

✓

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✓

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9/12

✓

5721

9/8

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✓

5723

9/9

133-6

5724

9/9

✓

133-6			9/8	5725	✓
✓			9/8	5726	✓
✓			9/7	5727	✓
	C.I. 9544	?			
134-1	CI. 9545X	PI. 271672	T(N) 1 9/7	5728	
✓			9/13	5729	
✓	Mostly smooth shell		9/8	5730	
✓	Light, and long-mgt.		9/13	5731	
134-2		Are 1 individual pithy.	9/8	5732	

5733		9/7	134-2
✓			
5734		9/7	✓
✓			
5735		9/8	✓
✓			
5736	New introduced plants	9/7	✓
✓			
5737		9/7	✓
✓			
5738		9/13	134-3
✓			
5739		9/12	✓
✓			
5740		9/9	✓
✓			

134-4

9/6

5741

✓

✓

9/13

5742

✓

135-1

B572A3-47-15 X P/B-25
(PI. 215936 X Ct. 9214) X PI. 283913

9/13

5743

✓

✓

9/6

5744

✓

✓

9/11

5745

✓

✓

9/13

5746

✓

✓

9/9

5747

✓

✓

9/6

5748

✓

Mgt & Lgt. rough & smooth.

Inter. to tall H.

Mgt mgt are rather long.

H'd individual plates

5749

2

9/6

135-1

5750

2

9/11

✓

5751

2

9/8

✓

5752

2

9/9

✓

5753

2

9/11

135-2

5754

2

9/8

✓

5755

2

9/9

✓

5756

2

9/5

✓

Red independent yolk.

135-2			9/11	5757	✓
✓			9/11	5758	✓
✓			9/11	5759	✓
✓			9/10	5760	✓
✓		<i>infected - 9/16</i>	9/12	5761	✓
✓		<i>infected</i>	9/12	5762	✓
✓		<i>Kid.</i>	9/12	5763	✓
✓			9/13	5764	✓

5765

9/12

135-2

5766

9/11

✓

5767

9/7

✓

5768

9/15

✓

5769

9/12

✓

5770

9/13

✓

5771

9/9

✓

5772

9/12

✓

Hand inscribed photo.

136-1 CI. 9544 X 81825
Bluebell X PI 263813

rough & smooth
lyg 8 & my 9.

9/3

5773

✓

✓

all smooth
lyg.

9/6

5774

✓

✓

all smooth lyg.

9/4

5775

✓

136-2

all smooth lyg.

9/8

5776

✓

✓

9/7

5777

✓

✓

9/9

5778

✓

✓

9/5

5779

✓

136-3

9/5

5780

✓

all smooth lyg. plants
Hired unrefined

5781

9/4

136.3

5782

9/2

✓

5783

9/2

✓

DISCARD A BELLE PATNA CHECK AT THE END OF THIS BLOCK.

Is this correct?

5784

C.I. 9444

8/30

CHECK

5785

PI. 215, 936

CHECK

5786

C.I. 9444 X PI. 215936

9602

5787

✓

5788

✓

9602

CJ.9444 X PJ.215936

5789

✓

5790

✓

5791

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CI. 944 4 X Pt. 215936

9602

5798

✓

5799

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~~PI. 9444~~ X PI. 215935

9602

5801

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5809	CT. 9444 X PT. 215936	9602
5810		✓
5811		✓
5812		✓
5813	CT. 9444 X PT. 215936	9608
5814		✓
5815		✓
5816		✓

9608

CT. 9444 X PJ. 215936

5817

✓

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CI-9444 X PI. 215936

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9608

C.I. 9444 X P.I. 215936

5833

✓

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9609

C.I. 9444 X P.I. 215936

5836

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CT. 9444 X PL. 45936

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5846

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✓

9609	CJ.9444 X PI. 215936	5849
✓		5850
✓		5851
✓		5852
✓		5853
CHECK	ZENITH	5854
9725	322AG-23-LAC X ZENITH	5855
✓	Par. Mo.	5856

32296-23-L9c X ZENITH

5857

9725

5858

✓

5859

✓

5860

✓

5861

✓

5862

✓

5863

✓

5864

✓

9725

322A6-23-LAC X ZENITH

5865

✓

5866

✓

5867

✓

5868

✓

5869

✓

5870

✓

5871

✓

5872

5873

322A6-23-LAC X ZENITH

9726

5874

✓

5875

✓

5876

✓

5877

✓

5878

✓

5879

✓

5880

322A6-23-LAC X ZENITH

9730

9730

322AG-23-LAC X ZENITH

5881

✓

5882

✓

5883

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5884

✓

5885

9744

322AG-23-LAC X ZENITH

5886

✓

5887

✓

5888

5889

32276-23-LAC X ZENITH

9744

5890

✓

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5896

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322A6-23-LPC X ZENITH

9444

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322 A6. 23. L17c X ZENITH

9744

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9744	322A6.23-LPC X ZENITH	5909	*
✓		5910	*
CHECK	PI. 215936	5911	
CHECK	NATO	5912	
63-50328-7	PI. 215936 X NATO	5913	
-9	✓	5914	
63-50330-13	✓	5915	*
-15	✓	5916	*

PI. 215936 X NATO

5917

63-50331-8

*



✓

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-18

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✓

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63-50332-19

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✓

5920

63-50334-5

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✓

5921

-14

*

✓

5922

63-50336-12

✓

5923

-13

✓

5924

63-50337-2

*

63-50337-7	PI. 215936 X NATO	5925	*
63-50338-19	✓	5928	
63-50339-1	✓	5927	
-2	✓	5928	
CHECK	BLUEBONNET- 50	5929	
CHECK	PI. 215936	5930	
63-50346-1	BBT-50 X PI. 215936	5931	
63-50340-15	PI. 215,936 X NATO	5932	*

5933	PI. 215936 X NATO	63-50340-20
* -		
5934	BRT-50 X PI. 215936	63-50386-2
5935	✓	-7
5936	✓	-8
5937	✓	-9
5938	Mo. R-500	CHECK
5939	NATO	CHECK
5940	Mo. R-500 X NATO	63-40037-1

63-40037-1

Mo. R-500 X NATO

5941

✓

5942

✓

5943

possibles

*

✓

5944

63-40038-1

Mo. R-500 X NATO

5945

✓

5946

✓

5947

✓

5948

5949

*

Mo. R-500 X NATO

panicles

63-40038-1

5950

✓

63-40038-3

5951

✓

5952

✓

5953

✓

5954

14

5955

✓

63-40038-5

5956

*

panicles

✓

Mo. R-500 X NATO

63-40038-5

5957

✓

5958

✓

5959

✓

63-40038-7

5960

✓

5961

✓

5962

✓

5963

✓

5964

5965

M/o. R-500 X NATO

63-40039-1

5966

✓

5967

✓

5968

✓

5969

✓

5970

✓

63-40039-3

5971

*

✓

5972

*

✓

63-40039-3

Mo. R-500 X NATO

5973

*

✓

5974

*

63-40039-5

✓

5975

✓

5976

✓

5977

✓

5978

*

✓

5979

*

63-40040-1

✓

5980

5981

Mo. R-500 X NATO

63-40040-1

5982

✓

5983

✓

5984

✓

5985

✓

63-40040-5

5986

✓

5987

*

✓

5988

*

✓

63-40040-5

Mo. A-500 X NATO

5989

*

63-40040-7

Mo. R. 500 X NATO

5990

✓

5991

✓

5992

✓

5993

*

✓

5994

*

63-40040-9

✓

5995

✓

5996

63-40040-

✓

✓

✓

63-40041-1

63-40041-1	Mo. R-500 X NATO	6001
✓		6002
✓		6003
✓		6004
63-40041-3	✓	6005
✓		6006
✓		6007
✓		6008
		*

Mo. R-500 X NATO

6009

*

63-40041-3

6010

✓

63-40041-5

6011

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✓

6012

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✓

6013

✓

6014

✓

6015

✓

63-40042-1

6016

✓

63-40042-1

Mo. R-500 X NATO

6017

✓

6018

✓

6019

✓

63-40043-1

6020

✓

6021

✓

6022

✓

6023

✓

6024

Mo. R-500 X NATO

6025

63-40044-1

6026

✓

6027

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✓

6028

*

✓

6029

*

✓

6030

✓

63-40045-1

6031

✓

6032

*

✓

3-40045-1

M. R-500 X NATO

6033

*

✓

6034

✓

3-40046-1

6035

✓

3-40047-1

6036

✓

6037

✓

6038

*

✓

6039

*

✓

6040

6041

Mo. R-500 X NATO

63-40048-1

6042

*

✓

6043

*

✓

6044

✓

6045

✓

6046

✓

63-40049-1

6047

✓

6048

*

✓

3-40049-1	Mo. R. 500 X NATO	6049	*
✓		6050	
3-40050-1	✓	6051	
✓		6052	
✓		6053	
✓		6054	
✓		6055	
63-4051-1	✓	6056	

6057

Mo R-500 X NATO

63-40051-1

6058

✓

6059

✓

6060

✓

6061

✓

63-40052-1

6062

✓

6063

✓

6064

✓

63-40052-1

Mo. R-500 X NATO

6065

63-40053-1

✓

6066

✓

6067

✓

6068

✓

6069

✓

6070

63-40054-1

✓

6071

✓

6072

Mo. R-500 X NATO

63-40054-1

6073

6074

✓

6075

✓

6076

✓

63-40055-1

6077

✓

6078

✓

6079

✓

6080

✓

63-40056-1

Mo. R-500 X NATO

6081

✓

6082

✓

6083

✓

6084

✓

6085

✓

63-40057-1

6086

✓

6087

✓

6088

6089

Mo. R-500 X NATO

63-40057-1

6090

PI. 215 936 X NATO

62-40011-3

6091

✓

6092

✓

6093

✓

6094

✓

6095

✓

6096

✓

R-40011-3

PI. 215936 X NATO

6097

✓

6098

R-40018-1

✓

6099

✓

6100

②

②

②

6101

PI. 215, 936 X NATO

62-40018-1

6102

✓

6103

✓

6104

✓

62-40019-7

6105

✓

6106

✓

6107

✓

6108

✓

62-40019-7

PI. 215 936 X NATO

6109

✓

6110

✓

6111

62-40094-3

BBT-50 X PI. 215 936

6112

✓

6113

✓

6114

✓

6115

✓

6116

BBT-50 X PI. 215936

62-40094-3

6117

6118

✓

6119

✓

6120

✓

6121

✓

6122

✓

6123

✓

6124

✓

62-40094-3

BB-50 X PI. 215936

6125

✓

6126

✓

6127

✓

6128

✓

6129

✓

6130

62-40021-

PI. 215936 X NATO (?)

6131

✓

6132

6133

PT. 215 936 X NATO (?)

62-40121

6134

✓

6135

✓

6136

✓

6137

✓

6138

✓

6139

✓

6140

✓

62-40/21

PT. 215936 X NATO (?)

6141

✓

6142

✓

6143

✓

6144

CHECK

NATO

6145

11v Tag made out

~~5284~~

5246

5430 ✓

~~5282~~

47 ✓

29 ✓

~~5261~~

48 ✓

28 ✓

~~5262~~

55

12 ✓

~~5260~~

58

11 ✓

~~5408~~

5312

10 ✓

5444 ✓

~~5460~~

13 ✓

53 ✓

~~5450~~

↓ ✓

55 ✓

~~5451~~

24 ✓

56 ✓

~~5440~~

27 ✓

61 ✓

33 ✓

39 ✓

5328

29

5344

46

96

5415

16

18

31

need
Tag

1965

CR FORM 6
APR. 1962

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

JOHN G. ATKINS

(Employee's Name)

CROPS RESEARCH DIVISION

(Street Address)

ROUTE 5, BOX 366

BEAUMONT, TEXAS

(City and State)

SCALE FOR ESTIMATING RUST

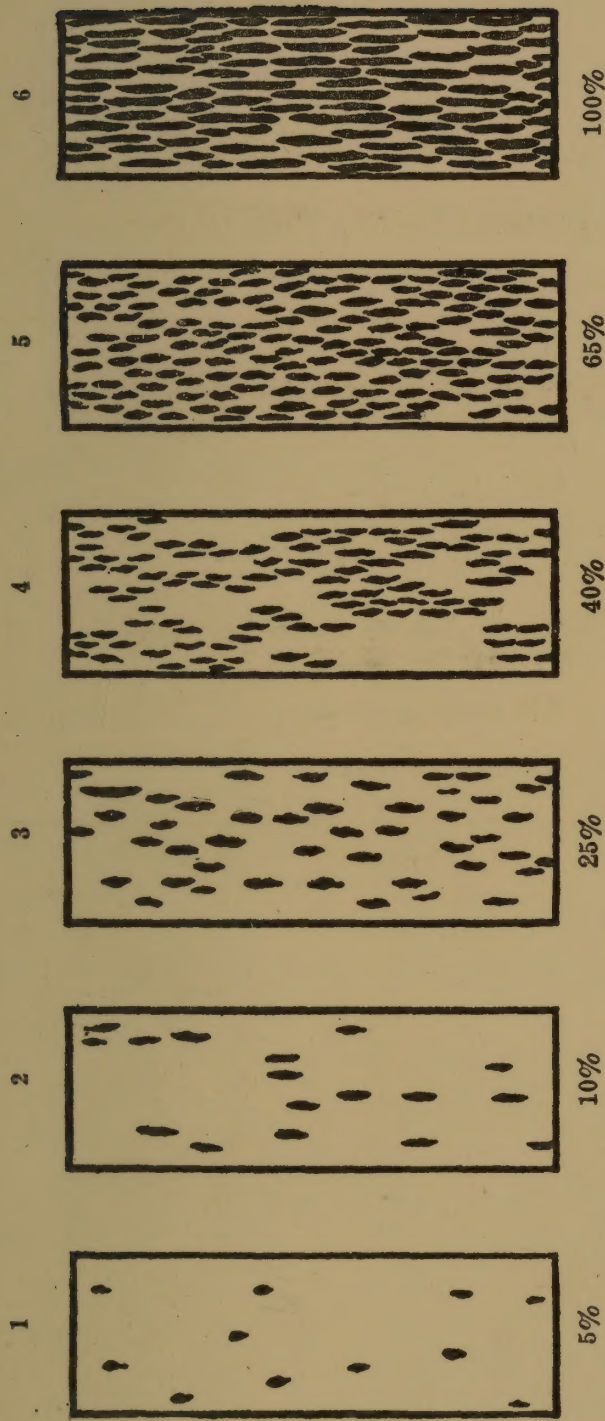


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

Br. Cowley

		8/12	7/15/65	
			F	II
5,001		WT.		
1	8970-S	-	5	5
2	8970-P	-	5	5
3	7787. Zenith	S, S	tr	0
4	1561-1. Calom	VS, S	7	5
5	8985. L. Gc.	S S	4	TR
6	5309	R, R	0	TR
7	180061. Dular	R, R	4	4
8	201902. NR-125	R, R	0	0
9	8993. CP231	R, R	5	5
10	8990. Blt. 50	R, R	5	5
11.	9446. Bulfore	S S	TR	TR
12.	9540. Saturn	S, S	0	0
13	9459. Noug	S, S	TR	TR
14.	9407. Nathore	S, S	6	6
15	9433. Bell Patna	R, R	5-6	5+
16.	9544. Blueballe	R, R	5	5
17.	R R 6 off Cuz	R, R	0	0
18.	R-2 x Rk. Red	R, R	0	TR
19	9544. (CP231 x R-2) x Blt. 50	S, S	4	4+
20.	G1 BL 98 x 13 D	R, R	5	6
21	Ef Rex Ma x Rex-Lac	R, R	0	0
22.	245717 No. 721, Taiwan	R, R	0	0
23.	289756 Cantuna, Phil.	R, R	0	TR
24.	289758 Lac x Laewa, Fort., Phil.	P, S	TR	TR
25.	289760 Milbuen #19, Phil.	R, R	TR	TR
26.	260659 " #3, Phil.	R, R	0	0

8/12/45

I

II

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		h.t.	F	II
27	9551 (dwf. TP x link) x Bht. 50	P P	4	4
28	275451 H-4 Ceylon	P P	0	0
29	9594 Rex-Zen x 250-Mag.	S, S	0	0
30	Rex-Zen x 250-Mag.	S, S	0	0
31	Rex-Zen #8 x Lac.	S, P	0	0
32	9593 Rex-Zen #8 x Lac.	S, P	0	0
33	Nato x 250-Mag.	S P	5	5
34	SS Nato x (Rex-Zen x 250-Mag)	S, S	0	TR
35	9494 Lac. x Caloro/2	S S	5	4
36	9587 Lac. x Caloro/3	S S	0	TR
37	Northrose x Hulfroese	S S	TR+	H
38	Northrose-Nato x Hulfroese	S S	TR	0
39	Ark-Bht. 50 x Northrose	S S	5	5
40	Northrose x Zenith	S, P	0	0
41	Northrose x Zenith	S, P	TR	4
42	C.P. 231 x Zenith	P P	0	0
43	Lac.-S426A x Zenith	S S	TR	0
44	7579 "	S S	0	0
45	Lac.-S426A x Zenith	S S	0	0
46	9454 Lac x Zen-Nova	S S	0	0
47	9481 Lac. x Zen-Nova	S VS	TR+	0
48	Nato Rogue (Hald)	S VS	0	0
49	Nato Rogue (Hald)	S S	TR+	0
50	Nova x Nato	S S	0	TR
51	Nova x Hulfroese	S S	0	0
52	"	S S	0	TR

[illegible]

		k t.	I	D
53	Nova x Arkrose	S S	tn	tn
54	"	S S	5	5
55	9592 C.I. 9509 x Ark.	R R	0	0
56	Nova x C.I. 9198	R R	6	6
57	C.I. 9209 Sel. x C.I. 9198	R R	tn	0
58	C.I. 9209 Sel. - Imp. Bbt. x P.I. 215936	[R] R	0	0
59	C.I. 9209 Sel. x C.I. 9187	R R	0	0
60	"	R R	tn	tn
61	C.I. 9209 Sel. x C.I. 9187/2	R R	0	tn
62	C.I. 9209 Sel. x C.I. 9187 x Bbt 50 Rq.	R R	5	5
63	C.I. 9453 x C.I. 9187	R R	0	tn
64	"	R R	0	tn
65	C.I. 9453 x C.I. 9187	R R	tn	tn
66	"	R R	0	tn
67	C.I. 9453 x C.I. 9187	R R	0	tn
68	"	R R	0	0
69	C.I. 9453 x C.I. 9187	R R	0	0
70	"	R R	0	0
71	C.I. 9453 x C.I. 9187	R R	0	0
72	C.I. 9453 - C.I. 9187 x Bbt. 50	R R	0	0
73	C.I. 9453 - C.I. 9187 x Bbt 50	R R	0	0
74	"	R R	tn	tn
75	C.I. 9453 x Bbt. 50	R R	0	tn
76	"	R R	tn	tn
77	C.I. 9453 x Bbt. 50	R R	4	3
78	"	R R	0	0

Z

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0

		wt.	I	II
5,130	79 C.I. 9453 x BbT. 50	R R	0	0
	80 BbT. x P.I. 184675	MS MS	0	0
	81 BbT. x P.I. 184675	S S	0	0
	82 BbT./2 x P.I. 184675	R R	0	0
	83 BbT. x P.I. 184675 (Anterose?)	PP	0	tn
	84 "	PP	4	tn
	85 9584 C.P. 231 x BbT.	PA	5	5
5,140	86 9534 C.P. 231 x H012	RV	0	0
	87 C.P. 231 Pima	R	tn	0
	88 P.I. 215936 x Lac.	R	tn	0
	89 P.I. 215936 x Lac.	R	5	5
	90 "	R	tn	tn
	91 P.I. 215936 x Lac.	R	0	tn
	92 Dulfrose x P.I. 215936	R	0	0
5,150	93 Dulfrose x P.I. 215936	R	0	4
	94 "	R	0	0
	95 P.I. 215936 x C.I. 9402	R	5	5+
	96 P.I. 215936 x C.I. 9214	R	tn	4
	97 P.I. 215936 x C.I. 9214	R	4	4
	98 "	R	4	4
	99 P.I. 215936 x C.I. 9214	R	4	5
5,160	100 "	R	4	5
	101 P.I. 215936 x C.I. 9214	R	5	5
	102 "	R	4	5
	103 P.I. 215936 x C.I. 9214	R	4	5
	104 (C.P. 231/3 x BbT.) ₂ x P.I. 215936	R	4	5

		wt.	I	II
105	C.I. 9214 x C.I. 9383	R	4	5
106	"	R	0	0
5,170				
107	P.I. 215936 x C.I. 9214	R	4	5
108	C.I. 9214 x (C.P. 231 x C.I. 9122)	R	tn	tn
109	C.I. 9214 x (C.P. 231 x C.I. 9122)	R	4	5
110	B.P. x [(C.P. 231/3 x Bbt) ₂ x P.I. 215936]	R	5	5
111	B.P. x [(C.P. 231/3 x Bbt) ₂ x P.I. 215936]	R	5	5
112	"	R	5	5
5,180				
113	Bbt. 50/4 x Hulfroze	R	4	5
114	"	R	0	tn
115	C.P. 231/2 x H012	R	0	0
116	Bbt. 50 x H010	R	0	tn
117	Bbt. 50 x H010	R	0	0
118	Bbt. 50 x H0341	R	tn	6
119	C.P. 231 x H0341	R	5	5
5,190				
120	Bbt. 50 x H0341	R	tn	4

1966 BLAST NURSERY

		9/9 Crowley	7/10	8/4	7/12
		R.N.	I	II	I
17,001			3		
1	9416. Dufrose	0	0	0	0
2	7787. Zenith	0	0	0	0
			7	5	5
3	1561-1. Calero	0	5	4	5
4	8970-S	—	5	4	5
			7		5
5	180061. Dular	0	5	+4	0
6	201902. NP-125	0	0	0	0
17,010					5
7	280693. Tuen	0	0	0	0
8	290678. Kanto 51	0	0	0	0
					6
9	9534. Dawn	0	0	0	0
10	8993. Century Patna 231		5	+4	5
			7		5
11	8990. Bluebonnet 50-		5	+4	5
12	9433. Belle Patna 1		5	+4	5
					5
020					
13	9544. Bluebelle 2		5	+4	0
14	9459. Nova	0	0	+4	0
				5	5
15	9481. Nova 66	0	0	0	0
16	9540. Saturn w.t. 0	0	0	0	0
				5	5
17	8985. Lacroese		0	0	0
18	9594. R-Z x 250-Mag		0	0	0
					5
19	R-Z x 250-Mag, off-Cross		0	0	0
036	20 R-Z x 250-Mag (Dh)		0	0	0
				5	5
21	R-Z x Lacroese (gh)		5	0	0
22	9593. R-Z x Lacroese (Dh)		5	0	0
				5	5
23	Nato x 250-Mag		0	0	0
24	250-Mag, off-Cross		0	0	0
					5
25	250-Mag, Hari off-Cross		0	0	0
26	"		0	0	0
040					

Bmt. Bmt

7/22	lv. t. 8/24	lv. t. II				
0	1	0				
0	1	1				
5	4	4				
5	—	—				
0	—	—				
0	0	0				
0	0	0				
0	0	0				
0	tr?	0				
5-	tr?	tr?				
5-	0	0				
5-	0	0				
tr	0	0				
0	2	1				
0	2	2				
0	1	2				
0	3	3				
0	1	2				
0	1	2				
0	1	1				
0	2	0				
0	2	1				
0	0	1				
0	0	0				
0	2	1				
0	1	1				

	27	13d x Lacrosse	0	0	0
	28	CP 231 x HO 12 sel.	0	0	0
	29	CP 231/2 x HO 12 (H)	0	0	0
	30	El R ₁ Mutation x Rex-Lac	0	0	0
	31	R/PL ₁ - 7/8 x RR	4	7	0
	32	R/PL ₁ - 7/8 x CI 6001-CP 231 King 2 HO	5	7	0
0 50	33	RRU x 57 F. 6067	0	0	0
	34	RR-250 May x RL-250 May	0	0	0
	35	Belle Patna Sel.	0	0	0
	36	9534. Dawn	0	0	0
	37	9601. CP 231/2 x HO 12	0	0	0
	38	9602. BBT. 50 x HO 10	0	0	0
	39	9604. BBT. 50 x HO 10	0	0	0
60	40	9574. BBT. 50/4 x Dulfrose	0	7	7
	41	9576. BBT. 50/4 x Dulfrose	4	0	7
	42	PI 215936 x Lac	0	0	0
	43	PI 215936 x Lac	0	0	0
	44	"	0	0	0
	45	"	4	7	7
	46	"	4	4	7
70	47	"	4	7	7
	48	"	0	0	0
	49	Dulfrose x PI 215936	0	0	0
50	50	"	0	0	0
	51	"	0	0	0
	52	"	0	0	0

80	53	Dulfroze x PI 215936	0	0	0
	54	PI 215936 x CI 9214	0	4	0
	55	PI 215936 x CI 9214	5	4	0
	56	"	5	4	0
	57	PI 215936 x CI 9402	5	4	0
	58	PI 215936 x Nato	5	4	0
	59	PI 215936 x Nato	5+	4	0
90	60	"	0	0	0
17, 101	61	"	0	0	0
	62	"	4	4	0
	63	"	0	0	0
	64	"	0	0	0
	65	"	0	0	0
100	66	"	5	5-	5-
	67	CI 9416 x [Z x (BR/S x R)]	0	0	0
	68	"	0	0	0
	69	"	0	0	0
	70	"	0	0	0
	71	"	0	0	0
	72	CI 9416 x Lac	0	0	0
10	73	"	0	0	0
	74	"	0	4	0
	75	RZ 1512 x Lac	0	0	0
	76	CI 9214 x CI 9393	0	0	0
	77	CI 9214 x (CP231-9122)	0	0	0
	78	Obt. 50 x PI 215936	0	0	0

	79	Bbt. 50 x PI 215936	4	1 2 4	0
17,130	80	RD-Sadri x Lac-253	0	0	0
	81	9618. Bbt. x PI 184675	0	0	0
	82	"	0	0	0
	83	" outrose	0	0	0
	84	" "	0	0	0
	85	" "	4	1 2 4	0
	86	9619. CI 9453 x Bbt. 50	4	1 2 4	0
40	87	"	0	0	0
	88	"	0	0	0
	89	9581. CI 9453 x CI 9187	0	1 2 4	0
	90	"	0	0	0
	91	"	0	1 2 4	0
	92	"	0	1 2 4	0
50	93	9617. CI 9453-CI 9187 x Bbt. 50	0	0	0
	94	"	4	1 2 4	0
	95	"	0	0	0
	96	CI 9453-CI 9187 x Bbt. 50/2-R40.	5	5	5-
	97	CI 9187-CI 9453 x Bbt. 50-R40.	0	0	0
	98	Dwf. CI 9187 x Bbt. 50-R40.	5	4	0
	99	CI 9209 Sel-9187 x Bbt. 50-R40.	4	1 2 4	0
50	100	CI 9209 Sel x CI 9187/2	4	0	0
	101	CI 9209 Sel x CI 9187/2	0	0	0
	102	9481. Nova 66	4	1 2 4	0
	103	9481-36 Lac x Zen-Nova	0	0	0
	104	9481-50. "	4	1 2 4	0

	I wt	II wt.				
0	0	0				
0	3	3				
0	0	0				
0	2	1				
0	0	0				
0	0	0				
0	0	0				
0	0	0				
0	0	0				
0	0	0				
0	1	0				
0	0	0				
0	0	0				
0	0	0				
0	2+	0				
0	0	0				
0	0	0				
5-	0	0				
0	0	0				
for	0	0				
0	0	0				
0	0	0				
0	0	0				
0	2	1				
0	1	1				
0	2	1				

80

80

80

105	Northrose x Nova 66	5	4	0
106	Northrose x PI 215936	5	4	0
107	Northrose x Sulfrose	0	0	0
108	9580. Northrose x Zenith	0	0	0
109	Northrose x Zenith	5	tn 4	0
110	Northrose x Unknown	6	4	tn 5
111	"	5	tn 4	0
112	North-Nato x Sulfrose	5	5	5
113	Nato x Zenith	0	0	0
114	Dold Nato	0	0	0
115	Nova x Nato	0	0	0
116	9616. Nova x Sulfrose	0	0	0
117	9615. Nova x Arkrose	0	0	0
118	9592. CI 9589 x Arkrose	0	0	0
119	CI 9394 x PI 215936	0	0	0
120	"	0	0	0

	I wt.	II wt.				
0	1	1				
0	3	2				
0	2	1				
0	2	1				
0	2	1				
5-	3	1				
0	2	2				
5	2	0				
0	1	1				
0	3	1				
0	2	2				
0	2	2				
0	3	3				
0	2	1				
0	2	2				
0	0	0				

		SEEDING ORDER NO.	7/14 H B	7/22 H B
1	Colusa CI 1600	101 210 312 413	1 1 1 1	1 1 1 1
2	Stg 61D2515 Northrose x Zen. CI 9580	102 212 301 406	1 1 1 1	1 1 1 1
3	Early Prolific CI 5883	103 201 306 411	1 1 1 1	1 1 1 1
4	Nova 66 CI 9481	104 211 314 405	2 3 2 2	3 3 3 3
5	Stg 616719 Nova x Arkrose CI 9615	105 213 308 414	1 2 2 2	2+ 2 2+ 2
6	Lenith CI 7787	106 209 305 409	1 1 2 1	1 1 1 1
7	Stg 622775 Gold Nato (Stg 49-3(263))	107 205 304 401	2 2 2 2	2 2 2 2+
8	63 Cro. 5004 Rex-Zen. #8 x Lac. CI 8593 Lofy	108 214 302 403	2 2 2 2	2 2 2 2

Assembly

11

No CO

1 0

1 0

1 tr

1 tr

Tr P.O.

1 0

1 0

1 0

1 0

1 2

1 1

1 1

1 1

2 0

2 0

1 0

1 0

1 0

1 0

1 0

Tr P.O.

1 1

1 1

1 2

1 1

1 0

1 0

1 0

1 0

1 0

1 0

1 0

1 0

		SEEDING ORDER No.	7/14 HO	
9	Nato CI 8998	109 208 303 412	1 1 1 1	1 1 1 1
10	B5813A8-3-3 PI 215936 x Lac. CI 9610	110 204 307 404	2 2 2 1	2 2 2 2
11	R-Z x 250 Mag CI 9594	111 202 310 407	1 1 1 1	1 1 1 1
12	Saturn CI 9540	112 207 313 408	1 2 2 2	2 2 2 2
13	B5818A15-15-2-3 Dulfrase x PI 215936 CI 9600 <i>looks good girdle</i>	113 206 311 410	1 1 1 1	1 1 1 1
14	Stg 6304349 Nova x Dulfrase Stg 59-5(365)	114 203 309 402	1 1 2 2	2 2 2+ 2

No	C.O
1	2
1	2
1	3
1	2
tr	0
1	0
tr	0
tr	0
tr	0
1	0
tr	tr
tr	tr
2	1
2	1
2	1
2	1
1	0
1	0
1	tr
1	1
1	0
1	0
1	0

Reg Sam

		SEEDING ORDER No.	H.O.	CO.
21	R-D x R-Z CI 9483	121 231 334 427	1 1 1 1	
22	B572A3-47-2-2P-1-1 PI 215936 x CI 9214	122 233 329 434	1 1 1 1	
23	Century Patna CI 8993	123 232 321 423	1 1 1 1	
24	Stg. 62 HB 1213 (CI 9453 x CI 9187) x BbT.50 CI 9617	124 224 332 433	1 1 1 1	
25	Dawn CI 9534	125 226 327 425	0 0 0 0	
26	B572A1-6-5-1 PI 215936 x CI 9214 CI 9569	126 222 323 428	1 1 1 1	
27	(CP 231 x R-Z) x BbT.50	127 227 324 421	1 1 1 1	
28	B5331A2-19-10-1-1-2 BbT.50 x H0-10 CI 9602	128 234 333 431	0 1/2 0 1/2 0 1/2 0 1/2	

8/4

Crown

H.O. E.O.

1	1
1	1
1	1
1	1

1	0
1	tr
1	tr
tr	tr

1	2
1	2
1	1
1	1

tr P.O.

0	1
1	1
tr	tr
tr	tr

0	1
tr	1
tr	1
tr	1

1	1
1	0
1	0
1	0

1	tr
1	tr
1	tr
1	tr

1	1+
tr	1
1	1
1	1

		SEEDING ORDER No.	40.	
29	Stg 604202	129	2	
	CI 9453 x CI 9187	225	2	
		331	2	
	CI 9581	432	2	
30	Stg 645861	130	1	
	(CI 9453 x CI 9187) x Bt. 50	221	1	
		330	1	
	[Stg 45-6(226)]	422	1	
31	65 Cro. 5050	131	2	
	Ef Rex. Muta. x (Rex. Lac)	230	2	
		328	2	
	(Cro. 5050)	429	2	
<i>Dead lower leaves</i>				
32	B572A3-47-16-2-2	132	1	
	PI 215936 x CI 9214	228	1	
		322	1	
	CI 9611	424	1	
33	Stg 62D 728	133	1	
	CI 9453 x CI 9187	223	1	
		326	1	
	Stg 47-2(242)	426	1	
34	Stg 521305	134	1	
	R-7689 x (TP x R-SBR)	229	1	
		325	1	
	CI 9187	430	1	

8/4
 Aug 8
 HO. C.O.

1 1
 1 1
 1 1
 1 1

1 0
 1 1
 1 tr
 1 tr

0 1
 0 1
 tr 1
 tr tr

1 1
 1 1
 1 1
 1 1

1 0
 0 0
 tr 0
 tr 0

1 1
 1 1
 1 1
 1 1

		SEEDING ORDER No.	8/8 H.O.	C.O.
41	B572A3-47-2-2-1	141	1	1
	PI 215936 x CI 9214	242	1	2
		348	1	1
	CI 9612	452	1	1
42	B572A3-47-11-2-1	142	1	1
	PI 215936 x CI 9214	253	1	1
		351	1	1
	CI 9605	453	1	1
43	B6113A2-81-1-1	143	1	2
	B6T. 50/4 x Sulphore	249	1	2
		347	1	2
	CI 9613	447	1	2
44	Bluebonnet 50	144	1	2
		251	1	2
	CI 8990	349	1	2
		445	1	2
45	Stg 624273	145	2	2
	CI 9453 x CI 9187	248	2	4
		342	1	2
	Stg 43-4(204)	444	1	3
46	Fortuna	146	1	1
		252	1	2
	CI 1344	346	1	2
		443	1	2
47	Joro	147	1	1
		246	1	2
	CI 9013	354	1	1
		441	1	1
48	B572A3-47-6-3	148	1	1
	PI 215936 x CI 9214	247	1	1
		350	1	1
	CI 9607	448	1	1

8/4

Crouley

NO DO

tr 14

tr 1

tr 1

tr 1

1 1

1 1

1 1

1 1

1 2

1 2

14 1

1 1

1 14

1 2

1 2

1 2

2 14

1 2

1 2

1 3

1 1

1 1

1 1

1 1

1 2

1 2

1 1

1 2

1 1

1 1

1 1

1 1

		SEEDING ORDER No.	Bmt, 8/8 11.0 C.D	
	13d x BC	149	1	1
49	CI 9622-2	245	1	1
		344	1	1
		450	1	1
	B6113A2-49-1	150	1	2
50	BbT. 50/4 x Dulfrae	243	1	3
		341	1	2
	CI 9614	454	1	2
	Stg 623372	151	1	1
51	CI 9453 x BbT-50	254	1	1
		352	1	1
	CI 9619	446	1+	1
	Stg 604619	152	1	1
52	CP 231 x BbT	244	1	2
		353	1+	2
	CI 9584	449	1	2
	Stg 644281	153	2	1
53	(CI 9187-CI 9453)x(BbT. 50-Rex.)	241	1	2
		345	1	2
		442	1	2
	STg 43-10(210)			
	(Dwf. TP x Unk.)x BbT.50	154	1	1
54		250	1	2
	CI 9551	343	1	2
		451	1	1
57(C)	End/2 x H012			
56	Sel. 9187 x BbT Rex.			
58	SL12-10			
55	BbT x PT 184675			

8/4

Crosby
H.O. E.O.

1	tr
1	tr
tr	0
tr	tr

1	2
1	2
1	2
1	2

1	tr
1	0
1	0
1	tr

1	1+
1	2
1	1+
1	2

1	1
1	1
1	1
1	1

1	1
1	1
1	1
1	1

tr	tr
tr	tr
tr	tr

1	2
1	2

tr	tr
1	1

		SEEDING ORDER No.	7/14 H.O.		
101	Nato x RR-Bozu CI 9623	501 607 703 806	3 3 3 3		
102	B575A1-21-1-7-2 CI 9214 x (CP 231 x CI 9122) CI 9598	502 611 707 813	4 3 3 3		
103	B574A1-36-2 CI 9214 x CI 9383 CI 9488	503 602 706 803	4 4 4 4		
104	Off cross Sel of 250 Mag. (Ro. 5004) <i>1000</i>	504 609 714 812	1 1 1 1		
105	B575A1-21-5-1 CI 9214 x (CP 231 x CI 9122) CI 9537	505 614 710 802	1 2 2 2		
106	Vegold CI 9386	506 604 709 814	4 4 3 3		
107	Stg 9544-5 Bluebelle Sel.	507 606 711 805	1 2 2 2		
108	R.R. x 250-Mag. gls (Cros. 5220)	508 610 708 801	3 2 2 3		

[illegible]

		SEEDING ORDER No.	7/14 H.O
109	CI 6008 x Rec. 13	509	3
		613	4
		712	4
		808	4
110	B575A1-38-3 CI 9214 x (CP-231 x CI 9122) CI 9490	510	4
		608	4
		713	4
		807	4
111	RR/250 Mag x RZ/250 Mag (CRD. 5217)	511	4
		601	4
		705	4
		809	4
112	Stg. 9544-32 Bluebelle Sel.	512	1
		603	2
		704	2
		811	2
113	Belle Patna CI 9433	513	3
		605	4
		702	4
		810	3
114	Bluebelle CI 9544	514	1
		612	2
		701	2
		804	1

		SEEDING ORDER <u>No.</u>	7/14 H.O.
301	S6312-1	1001	1
		1108	1
		1207	1
	Alex. Seed Co.	1309	1
302	B5813A12-5-1	1002	1
	PI 215936 x Lac.	1107	2
		1209	1
	(3071)	1307	2
303	Dulfrase	1003	1
		1109	1
	CI 9416	1202	1
	(3081)	1305	1
304	B5818A15-89-2-2-2	1004	1
	Dulfrase x PI 215936	1103	1
		1201	1
	Stenly ✓ 1604	+310 *	
305	B5813A12-4-1-3-2	1005	2
	PI 215936 x Lac.	1104	2
		1203	2
		1308	1
306	Off Cross Sel of 250-Mag	1006	1
		1101	1
		1205	1
		1303	1
307	250-Mag x Horai	1007	1
		1105	1
		1206	1
	(Cro. 5035)	1301	1
308	Stg 642729	1008	1
	Northrose x Nova 66	1106	1
		+210 *	
	(Stg 53-5 (305) Stenly	1304	2
* Not Sown			

Year	Month	Day	Time	Location	Remarks
1971	1	1	10:00	10000	10000
1971	1	2	10:00	10000	10000
1971	1	3	10:00	10000	10000
1971	1	4	10:00	10000	10000
1971	1	5	10:00	10000	10000
1971	1	6	10:00	10000	10000
1971	1	7	10:00	10000	10000
1971	1	8	10:00	10000	10000
1971	1	9	10:00	10000	10000
1971	1	10	10:00	10000	10000
1971	1	11	10:00	10000	10000
1971	1	12	10:00	10000	10000
1971	1	13	10:00	10000	10000
1971	1	14	10:00	10000	10000
1971	1	15	10:00	10000	10000
1971	1	16	10:00	10000	10000
1971	1	17	10:00	10000	10000
1971	1	18	10:00	10000	10000
1971	1	19	10:00	10000	10000
1971	1	20	10:00	10000	10000
1971	1	21	10:00	10000	10000
1971	1	22	10:00	10000	10000
1971	1	23	10:00	10000	10000
1971	1	24	10:00	10000	10000
1971	1	25	10:00	10000	10000
1971	1	26	10:00	10000	10000
1971	1	27	10:00	10000	10000
1971	1	28	10:00	10000	10000
1971	1	29	10:00	10000	10000
1971	1	30	10:00	10000	10000
1971	1	31	10:00	10000	10000

		SEEDING ORDER No.	7/14 HO.
309	Stg 63D1471 Nato x Zenith (Stg 49-13(233))	1009 110* 1208 1302	1 1 1
310	Stg. 625337 Northrose-Nato x Dulfroze (Stg 55-7(327))	1010* 1102 1204 1306	 2 2 2
311	B572A3-47-2-2P-1-1 PI 215936 x CI 9214 (318)	1011 1113 1215 1317	72 HO. 1 1 1 1
312	B572A1-6-5-1-6-1 (317)	1012 1114 1220* 1315	1 1 1
313	B572A3-47-11-2-2-1 PI 215936 x CI 9214 (319)	1013 1111 1218 1319	1 1 1 1
314	B5335A2-9-3-1-1-3 Bt. 50 x HO 341 (324)	1014 1120* 1216 1316	1 1 1
315	B572A3-47-2-2P PI 215936 x CI 9214 (327)	1015 1118 1214 1318	1 1 1 1
316	B5817A61-4-2-2-2-1 (649)	1016 1112 1213 1320*	1 2 1

* Not sown

		SEEDING ORDER No.	7/22 110	
317	B5818A15-77-BK-1-1	1017 1119 1211 1312	2 2 2 2	
318	B572A3-22-8-36-1-2 (524)	1018 1116 1219 1313	1 1 1 1	
319	B589A3-55-24-2-1 (545)	1019 1117 1212 1311	3 3 3 3	
320	Stg 643506 CI 9187 Dwf. x (B50-R) (Stg 41-10(190))	1020* 1115 1217 1314	1 2 2	
321	S612-10 Alex Seed Co.	1021 1126 1225 1322	1 1 1 1	P.O. 1 3 2 2
322	S612-82 Alex. Seed Co.	1022 1130* 1221 1327	1 1 1	2 2 2
323	Taichung Native #1 PI 271, 672 (3301)	1023 1121 1226 1328	1 1 1 1	0 0 0 0
324	B572A3-47-6-3-2-3 PI 215936 x CI 9214 (5501)	1024 1123 1228 1326	1 1 1 1	0 1 1 1

*Not Sown

Bent.

8/8

1/6 O.C.O

325

B572A3-47-2-2P-2-3-3 1025
1128
1223
(5331) 1329

1 1
1 2
1 1
1 1

326

B572A3-47-6-3-1-2-2 1026
PI 215936 x CI 9214 1122
1229
(526) 1325

1 0
2 0
2 1
1 1

327

B585A1-93-1-1-1 1027
1129
(591) ~~1230~~ *
1323

2 1
2 1
2 1

328

Stg 63D994 1028
CI 9209 Sel-CI 9187 1124
x B50-Rex. 1227
1330 *
(Stg 43-14)

1 1
1 1
1 1

329

Century 2/40 12 1029
1127
1224
(Cro. 5050) 1321

1 1
1 1
1 1
1 1

330

B572A3-47-3-3P-1-3 ~~1030~~ *
PI 215936 x CI 9214 1125
1222
(587) 1324

1 1
1 1
1 1

* not sown

1	1000	1000	1000	1000	1000
2	1000	1000	1000	1000	1000
3	1000	1000	1000	1000	1000
4	1000	1000	1000	1000	1000
5	1000	1000	1000	1000	1000
6	1000	1000	1000	1000	1000
7	1000	1000	1000	1000	1000
8	1000	1000	1000	1000	1000
9	1000	1000	1000	1000	1000
10	1000	1000	1000	1000	1000
11	1000	1000	1000	1000	1000
12	1000	1000	1000	1000	1000
13	1000	1000	1000	1000	1000
14	1000	1000	1000	1000	1000
15	1000	1000	1000	1000	1000
16	1000	1000	1000	1000	1000
17	1000	1000	1000	1000	1000
18	1000	1000	1000	1000	1000
19	1000	1000	1000	1000	1000
20	1000	1000	1000	1000	1000
21	1000	1000	1000	1000	1000
22	1000	1000	1000	1000	1000
23	1000	1000	1000	1000	1000
24	1000	1000	1000	1000	1000
25	1000	1000	1000	1000	1000
26	1000	1000	1000	1000	1000
27	1000	1000	1000	1000	1000
28	1000	1000	1000	1000	1000
29	1000	1000	1000	1000	1000
30	1000	1000	1000	1000	1000
31	1000	1000	1000	1000	1000
32	1000	1000	1000	1000	1000
33	1000	1000	1000	1000	1000
34	1000	1000	1000	1000	1000
35	1000	1000	1000	1000	1000
36	1000	1000	1000	1000	1000
37	1000	1000	1000	1000	1000
38	1000	1000	1000	1000	1000
39	1000	1000	1000	1000	1000
40	1000	1000	1000	1000	1000
41	1000	1000	1000	1000	1000
42	1000	1000	1000	1000	1000
43	1000	1000	1000	1000	1000
44	1000	1000	1000	1000	1000
45	1000	1000	1000	1000	1000
46	1000	1000	1000	1000	1000
47	1000	1000	1000	1000	1000
48	1000	1000	1000	1000	1000
49	1000	1000	1000	1000	1000
50	1000	1000	1000	1000	1000

		SEEDING ORDER No.	7/14 MO.	P.O.
331	Stg 632564-19	1031 1135 1238 1336	1 1 1 1	
	Stg 23-24 later			
332	B575A1-10-2-2-3 CI 9214 x (CP 231 x CI 9122) CI 9621 (341)	1032 1140 1233 1334	3 3 4 4	
333	B575A1-25-2-1 CI 9214 x (CP 231 x CI 9122) In P.O. (342)	1033 1134 1240 1332	4 4 4 2	
334	B575A1-10-2-2-3 CI 9214 x (CP 231 x CI 9122) (346)	1034 1132 1239 1337	4+ 4 4 4	
335	B575A1-57-2-2-3 CI 9214 x (CP 231 x CI 9122) (347)	1035 1137 1231 1339	3 3 3 3	
336	B593A10-11-3-3 (663)	1036 1139 1235 1331	2 1 2 2	
337	B574A1-35-4-6-1 CI 9214 x CI 9383 (345)	1037 1131 1232 1338	3 4 3 3	
338	B593A11-1-3 B.P. x [(CP 231/3 x B6T) x PI 215936 (348)	1038 1133 1234 1340	2 3 3 3	

94	CH	PCOI	4-5-10-17-18			
	C	BEH	1877-1878			
	E	VECI				
	E	CCOI	1877			
1	1	1878	4-5-10-17-18			
1	1	1878	1877-1878			
	1	1878				
	1	1878	1877			

		SEEDING ORDER No.		
339	B574A1-30-3-2	1039	110	P.O
	CI 9214 x CI 9383	1138	2	
	(344)	1234	2	
		1333	3	
340	B589A18-52-2-2-3	1040	1	1
	B6T 50/2 x Dulfroce	1136	1	1
	(618)	1237	1	
	later	1335	1	

		SEEDING ORDER No	
201	Bluebelle 45, 80	103 214 314 415	
202	Bluebelle 45, 120	111 212 307 413	
203	Bluebelle 45, 160	114 201 302 414	
204	Bluebelle 90, 80	101 216 304 416	
205	Bluebelle 90, 120	115 204 306 * 418	
206	Bluebelle 90, 160	106 208 311 404	
207	Bluebelle 135, 80	105 209 315 410	
208	Bluebelle 135, 120	107 202 317 411	

		SEEDING ORDER No.
209	Bluebelle 135,160	117 211 313 408
210	Belle Patna 45,80	118 203 215 * 417
211	Belle Patna 45,120	109 312 310 407
212	Belle Patna 45,160	112 217 308 403
213	Belle Patna 90,80	108 205 318 113 *
214	Belle Patna 90,120	110 207 303 401
215	Belle Patna 90,160	412 * 210 309 406
216	Belle Patna 135,80	102 218 316 409

This is correct a swap due
* to fert. error

		SEEDING ORDER No.	
217	Belle Patra	104	
		213	
		305	
	135, 120	402	
218	Belle Patra	116	
		206	
		301	
	135, 160	405	

		SEEDING ORDER No.		
221	Bluebelle 45, 80	129 222 325 427		
222	Bluebelle 45, 120	135 224 328 430		
223	Bluebelle 45, 160	124 231 321 434		
224	Bluebelle 90, 80	138 234 329 423		
225	Bluebelle 90, 120	125 223 330 433		
226	Bluebelle 90, 160	136 228 332 426		
227	Bluebelle 135, 80	131 235 322 424		
228	Bluebelle 135, 120	132 238 324 422		

		SEEDING ORDER No.		
229	Bluebelle 135, 160	123 227 337 425		
230	Belle Patna 45, 80	121 236 327 429		
231	Belle Patna 45, 120	134 233 338 435		
232	Belle Patna 45, 160	133 221 331 437		
233	Belle Patna 90, 80	122 225 336 421		
234	Belle Patna 90, 120	137 226 334 438		
235	Belle Patna 90, 160	128 237 323 436		
236	Belle Patna 135, 80	127 230 333 432		

130

229

326

428

126

232

335

431

		SEEDING ORDER No.		
241	Bluebelle 45, 80	156 252 344 449		
242	Belle Patna 45, 120	149 246 350 453		
243	Belle Patna 45, 160	150 253 341 446		
244	Belle Patna 90, 80	152 249 347 458		
245	Bluebelle 90, 120	158 244 343 451		
246	Bluebelle 90, 160	142 257 352 445		
247	Bluebelle 135, 80	141 245 348 454		
248	Bluebelle 135, 120	144 255 345 450		

		SEEING ORDER No.		
249	Bluebelle 135, 160	148 250 354 442		
250	Belle Patna 45, 80	157 243 358 448		
251	Belle Patna 45, 120	146 254 357 441		
252	Belle Patna 45, 160	155 247 356 444		
253	Belle Patna 90, 80	151 251 349 456		
254	Belle Patna 90, 120	154 258 355 443		
255	Belle Patna 90, 160	153 248 353 457		
256	Belle Patna 135, 80	147 242 346 455		

SEEDING
ORDER
No.

Belle Patna

145

256

342

135,120

452

Belle Patna

143

241

351

135, 140

447

12	0.5	1	100-1000	100
13	0	1	100-1000	100
14	0	1	100-1000	100
15	0	1	100-1000	100
16	0	1	100-1000	100
17	0	1	100-1000	100
18	0	1	100-1000	100
19	0	1	100-1000	100
20	0	1	100-1000	100
21	0	1	100-1000	100
22	0	1	100-1000	100
23	0	1	100-1000	100
24	0	1	100-1000	100
25	0	1	100-1000	100
26	0	1	100-1000	100
27	0	1	100-1000	100
28	0	1	100-1000	100
29	0	1	100-1000	100
30	0	1	100-1000	100
31	0	1	100-1000	100
32	0	1	100-1000	100
33	0	1	100-1000	100
34	0	1	100-1000	100
35	0	1	100-1000	100
36	0	1	100-1000	100
37	0	1	100-1000	100
38	0	1	100-1000	100
39	0	1	100-1000	100
40	0	1	100-1000	100
41	0	1	100-1000	100
42	0	1	100-1000	100
43	0	1	100-1000	100
44	0	1	100-1000	100
45	0	1	100-1000	100
46	0	1	100-1000	100
47	0	1	100-1000	100
48	0	1	100-1000	100
49	0	1	100-1000	100
50	0	1	100-1000	100

		8/9 H.O.	C.O.	P.O.
501	B571A2-9-10-1-2-1-2 PI 215936 x (CP 231 x CI 9122) 8/23	2 1	0 0	4
502	B571A2-9-10-1-2-1-3	2 1	0	12
503	B571A1-40-4-2-2-1-2	2 1	0	12
504	B572A1-6-2-3-1-2-3 PI 215936 x CI 9214	1 1	0	
505	B572A3-22-8-3-6-1-2	1 1	0	
506	PI 215,936	2 2	0	
507	B572A3-47-5-3-3-2-3	2 2	0	
508	B572A3-47-6-3-1-2-2	2 2	0	

64 Diso. 3	0.7	CH	5-2-77-18572	100
2	0	5	5-2-77-18572	100
2	0	5	5-2-77-18572	100
1-2	0	5	5-2-77-18572	100
1-2	0	5	5-2-77-18572	100
2	0	5	5-2-77-18572	100
3	0	5	5-2-77-18572	100
3	0	5	5-2-77-18572	100

		H ₀	P.O	P ₀
	B572A3-47-6-3	2		
509	PI 215936 x CI 9214	2	t ₂	
	C.I. 9545	2		
510		3	0	
	B572A3-47-2-2P-2-2BX	1		t ₂
511		1	0	
	B572A3-47-2-2P-2-3-3	1		
512		1	0	
	B572A3-47-3-3P-1-3	2		
513		1	0	
	B572A1-6-5-1-6-3	1		
514		1	0	
	B572A3-47-6-3-2-3	2		
515		2	0	
	B572A3-22-8-3-6-1-5	1		
516		1	0	

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		160	CO	PO
517	B572A3-47-3-1-2-2-2 PI 215936 x CI 9214	2 3	0	
519	B572A3-47-5-3-3-2-5	2 2	0	
519	B572A3-47-11-2-2-3	2 1	0	
520	B572A3-47-5-3P-2-2-5	1 2	0	
521	B572A3-47-3-3P-1-3-BK	2 2	0	
522	B573R1-2-5-2-1-1-1-BK PI 215936 x CI 9402	1 2	0	
523	B502A2-113-B3 OBT. x CP 231 CI 9402	1 2	0	
524	B582A1-41-4-2-8-2-1 CP 231 x Jojutla	1 1	0	

to of
Disc.
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525	B582A1-41-4-2-8-2-3 CP 231 x Jojutla	1 2	0	
526	Century Patna 231 CI 8993	1 1	0	
527	B582A1-41-4-2-8-2-4	1 1	0	
528	B582A1-62-3-1-2-2-1	2 2	0	
529	B582A1-62-3-1-2-2-2	1 2	0	
530	Jojutla	1 3	0	
531	B584A1-16-5-2BK-1-2-3 BBT. 50 x Jojutla	1 2	1	
532	B584A1-16-5-2BK-1-2-3-1	2 2	1	

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533	B584A1-16-5-2-BK-1-2-3-2 2 Bdt. 50 X Jujutla	3	0	
534	B584A1-16-5-2-BK-1-2-3-3 2	3	1	
535	B584A1-16-5-2-BK-1-2-3-4 2	3	1	
536	B584A1-16-5-2-BK-1-2-3-5 2	2	0	
537	Bluebonnet 50 CI 8990	2 2	0	
538	B584A1-16-5-2-BK-1-1-1 2	3	0	tu
539	B584A1-16-5-2-BK-1-1-2 2+	3	0	
540	B584A1-16-5-2-BK-1-1-3 2	3	1	

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B584A1-16-5-2BK-1-1-4

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541

3

1

B584A1-16-5-2BK-1-1-5

2

542

3

0

B584A1-16-5-2BK-1-3-1

2

543

3

0

B584A1-16-5-2BK-1-3-2

2

544

2

0

B584A1-16-5-2BK-1-3-3

2

545

2

0

B584A1-16-5-2BK-1-3-4

2

546

2

0

B584A1-16-5-2BK-1-3-5

2

547

2

0

B585A1-93-1-1-1

2

B6T. 50 X Dima

548

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0

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549	B585A1-93-1-1-3 86T 50 x DIM 2	2 3	0	
550	DIMA	2 3	0	
551	B585A1-109-2-1	2 1	0	
552	B585A1-109-2-1	2 2	0	
553	B585A1-109-2-1	2 2	0	
554	B585A1-109-2-1	2 2	0	
555	B585A1-109-2-1	2 1	0	
556	B585A1-69-1-1	2 3	0	

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1-2						
3						
3						
3						
3						
3						
3						
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557	B585A1-93-1-1-1 B6T. 50 x DIMA	2 3	0	
558	B583A1-2-2-2-2 CP 231 x DIMA	2 3	0	
559	Dulfroze EI 9416	2 2	0	
560	B589A3-55-2-4-2-1 B6T. 50/2 x Dulfroze	2 2	1	
561	B589A2-4-1-2-1-2-1-BK	2 2	1	
562	B589A2-4-1-2-3-2-1-BK	2 2	10	
563	B589A3-55-2-4-2-1-BK	2 2	0	
564	B589A3-86-3-3-2-BK	2 2	0	

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565	B589A18-33-3-1-2-2-BK BLT 50/2 x G.R.	1 2	1 0
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566	Bluebonnet 50 CI 8990	1 2	1 1
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567	B589A18-52-2-2-2-2	1 2	0 0
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568	B589A18-52-2-2-2-3	1 2	0 0
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569	B589A18-52-2-2-2-5	1 2	0 0
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570	B589A18-52-2-2-1-4-1	1 2	1 1
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571	B589A18-52-2-2-1-4-4	1 2	0 0
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572	B589A18-52-2-2-1-4-5	1 2	0 0
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567-572 s. above 1000 ft. in form

2

3

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2

2

2

2

2

573 B589A18-52-2-2-1-5-3 1
B6T 50/2 x Dulfrae 2 0

574 B589A18-52-2-2-1-5-4 1
2 0

575 B589A18-52-2-2-1-5-5 1
2 0

576 B589A18-52-2-2-3-1-5 1
2 0

577 B589A18-52-2-2-3-6-3 1
2 0

578 B589A19-75-2-4-3-1 2
2 0

579 B589A19-75-2-4-3-2 2
2 0

580 B589A19-75-2-6-1-2-1 1
1 0

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B589A19-75-2-6-1-2-5 1

B6T. 50/2 x G.R.

581

1

0

B589A30-37-2-2-1-1-4 2

582

2

1

B589A3-35-2BK-3-1-2-5 2

583

2

0

B589A3-86-1-4-BK-3-2-1-2 1

584

2

0

B589A18-21-3-3-7-2-4 2

585

2

1

P.I. 215,936

586

1-2

1

0

Lacrosse

CI 8985

587

1

2

0

B5813A12-5-2-2-2-2 1

PI 215936 x Lac.

588

2

0

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3

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2

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2

1

589

B5813A12-5-2-2-2-3
PI 215936 x Lac.

1

2

0

590

B5813A8-3-1-1-2-1

1

2

0

591

B5813A8-10-1-2-1

1

2

0

592

B5813A12-5-1-3-BK

2

2

0

593

B5813A12-4-1-3-2

2

2+

0

594

B5813A8-3-1-1-2-1-1

1

2

0

595

B5813A8-10-1-2-1

1

2

0

596

B5813A8-10-1-2-1

1

2

0

1

0

1

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0

5

1

0

5

1+

0

5

2

0

5

1-

0

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1

0

5

1

0

1

	B5813A12-5-1-3	1		
597	PI 215936 x Lac.	2	0	
	B5813A12-5-1-3	2		
598		2	0	
	Dulfrone	1		
599	CI 9416	2	0	
	B5816A13-9-1-BK-2-2	1		
600	G.R. x [Z x (BL/3YR)]	2	0	
	B5816A13-33-1-2-1-2	2		
601		2	0	
	B5816A1-23-1-1-2-1	1		
602		2	0	
	B5816A2-22-1-1-3-BK	1		
603		2	0	
	B5816A3-9-2-2-1-2	1		
604		1	0	

17

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605	B5817A61-2-2-2-2-1 2 Gulfrose x Lac.	2	0
606	B5817A61-3-2-2-2-2 2	2	0
607	B5817A61-4-2-2-2-1 2	2	0
608	B5817A61-4-2-3-2-2 2	2	0
609	Belle Patna CI 9433	2 3	0 0
610	Bluebelle CI 9544	2 2	0 0
611	B5818A15-5-3-3-DK 2 G.R. x PI 215,936	2	0
612	B5818A15-7-2-3-2-DK 2	2	0

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2

2

613	B5818A15-15-2-3-3 G.R. x PI 215936	2 2	0
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614	B5818A15-77-BK-1-1	2 2	0
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615	B5818A15-89-3-3-3-1	1 1	0
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616	B5818A15-89-3-4-3-1	1 1	0
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617	B5818A15-77-BK-1	2 1	0
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618	B593A10-11-3-3 B.P.K. (CP 231/3 x B6T) ₂ x PI 215936	1 2	1
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Disco. Hall.

619	PI 215936	1 2	0
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620	RD-Sadri x Lac 253	1 1	0
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2						
2						
2						
2						
2						
2						
2						
2						
2-3						

	RD Sadri x Lac 253	2		
621	h. f.	2	0	
	RD-Sadri x Lac 253	2		
622	h. f.	2	0	
	Lacrosse	3		
623		3	0	
	Nato	1		
624		2	0	
	Nato x 250 mag	2		
625		2	0	
	Nato x 250 mag	1		
626		1	0	
	RZ 1512 x Lac.	1		
627		1	1	
	PI 215936 x Nato	1		
628		2	0	

		ht				
3						
		2				
3						
		1				
3						
		1				
2						
2						
2						
		tu				
1-2						
		tu				
2						

	PI 215936 x Nato	1		
629		2	0	
	PI 215936 x Nato	1		
630		2	0	
	PI 215936 x Nato	1		
631		2	0	
	PI 215936 x Nato	1		
632		2	0	
	Mo. R-500 x Nato	2		
633		2	0	
	Mo. R-500	2		
634		2	0	
	Rex. x Lac.	2		
635		2	0	
	Rex. x Lac.	2		
636		2	0	

		wt.				
1-2						
	0	5				
2						
	0	5				
2						
	0	5				
2						
	0	5				
2						
	0	5				
1-2						
	0	5				
1-2						
	0	5				
3						
	0	5				
3						
	0	5				

	322A6-23 x Lac	2	
637		2	0

	322A6-23 x Lac	2	
638		2	0

	322A6-23 x Lac	2	
639	Py 215 936?	2	0

	Mochi Moni	2	
640		3	0

	DIMA	3	
641		37	0

	NIRA	2	
642	CI 2702	2	1

	Bluewool sel.	2	
643	CI 9496	2	0

	Supreme Bluewool	2	
644	CI 5793	3	0

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P-reaction

2

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Improved Bluerose 3

645

CI 2128

ht.

3

0

CI 6001

24

646

3

0

Arkrose

3

647

CI 8310

ht.

3

0

Caloro

1

648

CI 1561-1

ht.

2

0

PI 271,672

1

649

1

0

Calrose

2

650

CI 8988

ht.

2

0

Asahi

2

651

2

0

Waxy Zenith

1

652

2

0

		wt.				
2		5				
1-2						
2		4				
2-3		4				
3		0				
2-3		4				
3		0				
2-3		1				

653	Crowley Wax	2		
		2	0	
654	Roxaro	2		
		2	1	
655	TP-49	1		
		1	0	
656	Texas Patna	2		
		2	1	
657	Early sel. of Bluebelle	1		
		2	0	
658	KOKMOROSE	2		
		2	0	
659	Early Sel. of Bluebelle	1		
		2	0	
660	DAWN	1	1	
	CI 9534	1	1	

		wt.				
3		2				
3						
2-3						
3						
1-2						
1-2		2				
1-2		3				
1		0				

661	05-57 (congo)	2+	3	0
662	05-58 (congo)	2+	3	0
663	05-59 (congo)	2+	3	0
664	05-77 (congo)	2+	2	0
665	w.c. 921	2+	3	0
666	DAWN CI 9534	1	1	1
667	Bluebonnet 50 CI 8990	1	2	1
668	Nato	1	2	0

3					
3					
3					
2					
2					
1-2					
3					
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		FEEDING ORDER No.		
1201	KIT MIN (CHINA) CI 7378	101 616		
1202	✓	310 404		
1203	CHING YAN CHAN PI 160463	321 408		
1204	✓	102 609		
1205	HEI TU 4 HAO PI 160581	103 401		
1206	✓	215 620		
1207	PI 160667	511 604		
1208	✓	104 316		

		SEEDING ORDER No.	
1209	PI 160772	507 601	
1210	✓	105 317	
1211	PI 215849	106 520	
1212	✓	302 422	
1213	Bluebelle CI 9544	214 403	
1214	Bluebelle CI 9544	107 603	
1215	Dawn CI 9534	108 522	
1216	Dawn CI 9534	304 402	

		SEEDING ORDER No.	
1217	Saturne	510 621	
1218	Saturne	109 212	
1219	Celoro	322 407	
1220	Celoro	110 519	
1221	SAN PAI KU PI 160636	111 607	
1222	✓	221 509	
1223	PI 160962	506 605	
1224	✓	112 303	

		SEEDING ORDER No.	
1225	CI 9097	113 521	
1226	✓	309 504	
1227	CI 9224-2	312 517	
1228	✓	114 505	
1229	CI 5866	418 611	
1230	✓	115 305	
1231	CI 5876	220 602	
1232	✓	116 501	

		SEEDING ORDER No.		
1233	PI 189466	117 445		
1234	PI 189466	313 618		
1235	PI 238494	308 608		
1236	✓	118 409		
1237	* CI 5866	419 622		
1238	✓	119 213		
1239	CI 5354	319 515		
1240	✓	120 412		

* Same variety as 1229 + 30

		SEEDING ORDER No.	
1241	PI 248488	121 * 410	
1242	✓	218 * 612	
1243	CI 5947	405 619	
1244	✓	122 315	
1245	CI 8960	201 318	
1246	✓	421 513	
1247	CI 5794	202 416	
1248	✓	304 610	
	* Early plants		

		SEEDING ORDER No.	
1249	CI 8370	203 606	
1250	✓	219 414	
1251	CI 8427	508 518	
1252	✓	204 307	
1253	PI 184675-2	502 617	
1254	✓	205 216	
1255	PI 184675-3	206 217	
1256	✓	417 613	

		SEEDING ORDER No.	
1257	P.I. 184625-4	207 411	
1258	✓	311 615	
1259	PI 215890	222 512	
1260	✓	208 413	
1261	PI 277220	209 514	
1262	✓	301 406	
1263	PI 277406	210 314	
1264	✓	503 614	

		SEEDING ORDER No.	
1265	PI 277411	211 516	
1266	✓	320 420	
1267	HEI TU HAO PI 160577	134 547	
1268	✓	350 440	
1269	TIEH YEN CHAN PI 160,600	348 653	
1270	✓	135 451	
1271	NAN TA SHAN TAN PI 160,613	247 641	
1272	✓	136 445	

		SEEDING ORDER No.	
	CHIU CHIU KSIING TIEN	137 646	
1273	PI 160683		
	✓	355 450	
1274			
	YEH CHIAO YEH SOH TSI	138 452	
1275	PI 160,810		
	✓	252 550	
1276			
	PI 277232	254 444	
1277			
	✓	139 553	
1278			
	Stg 52/305 R. 7689 x (TP x R-3BR)	140 251	
1279	CI. 9187		
	✓	435 654	
1280			

		SEEDING ORDER No.		
1281	BELLE PATNA CI 9433	141 554		
1282	BELLE PATNA CI 9433	353 539		
1283	COLUSA	142 542		
1284	COLUSA	339 555		
1285	BLUEBONNET-50 CI 8990	343 648		
1286	BLUEBONNET-50 CI 8990	143 438		
1287	PI 277414	144 345		
1288	✓	544 635		

		SEEDING ORDER NO.	
1289	PI 279138	145 454	
1290	✓	250 546	
1291	PI 279159	146 437	
1292	✓	338 644	
1293	PI 282194	534 636	
1294	✓	147 245	
1295	PI 282202	540 649	
1296	✓	148 341	

		SEEDING ORDER No.	
1297	PI 282203	337 651	
1298	✓	149 536	
1299	PI 282406	150 342	
1300	✓	535 551	
1301	PI 282408	436 552	
1302	✓	151 334	
1303	PI 282211	152 549	
1304	✓	354 455	

		SEEDING ORDER NO.	
1305	PI 282212	346 448	
1306	✓	153 642	
1307	PI 282766	434 545	
1308	✓	154 352	
1309	PI 282825	155 634	
1310	✓	349 447	
1311	PI 282940	336 655	
1312	✓	234 449	

		SEEDING ORDER No.		
1313	PI 282948	538 652		
1314	✓	235 253		
1315	PI 238114	236 249		
1316	✓	443 548		
1317	PI 9287	237 246		
1318	✓	543 643		
1319	PI 272720	238 637		
1320		347 446		

		SEEDING ORDER NO.	
1321	PI 271672 T(N) 1	447 639	
1322	✓	239 248	
1323	PI 277231	335 645	
1324	✓	240 442	
1325	PI 279131	537 638	
1326		241 344	
1327	PI 271, 672 + T(N) 1	242 439	
1328		340 447	

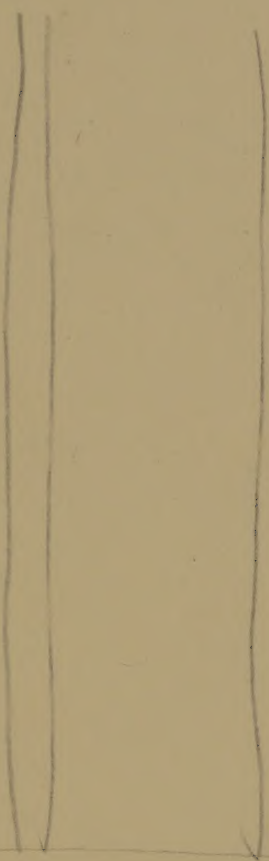
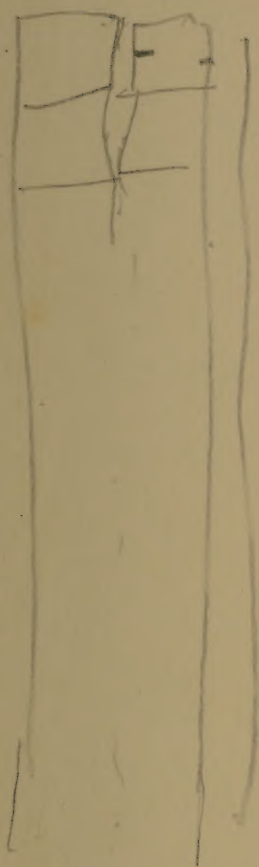
+ Same variety as 1321022

		SEEDING ORDER No.	
1329	PI 268001	243 351	
1330	✓	541 640	
1331	PI 282190	244 -	
1332	PI 282405	255 -	
1333	PI 282216	453 -	
1334	PI 282217	650 -	

$$\begin{array}{r}
 11,200 \\
 10,000 \\
 \hline
 1,200
 \end{array}$$

12,910

Loc X (2 ex Nria)
 250 x May.



1965 FORT DETRICK
SEED INC.

7530-274-5494
FEDERAL SUPPLY SERVICE
(GPO)



1965

Fort Detrick

Seed Increase Plots

Seeded 5/12/65

* to receive short-day treatment

** (V) Hv. and Shipped by 11-19-65.

1965 Bmt No.	Detrick Source	C.I., P.I., or Other No.	
* 12001 ✓**	004	C.I. 8083	8/22 54"
* 12002 ✓	010	FD 319	8/16 50"
* 12003 ✓	011	P.I. 181977	8/27 59"
* 12004 ✓	013	P.I. 233156	9/3 57"
* 12005 ✓	015	P.I. 160476	8/1 50"
* 12006 ✓	016	P.I. 160599	7/29 47"
* 12007 ✓	017	P.I. 160635	7/23 45"
* 12008 ✓	018	P.I. 223555	8/15 59"
* 12009 ✓	019	P.I. 220422	8/24 61"
* 12010 ✓	020	P.I. 233894	7/31 42"
* 12011 ✓	021	P.I. 198229	9/1 55"
* 12012 ✓	022	C.I. 8012	7/12 38"
* 12013-1 ✓	001	P.I. 231129	
-2			
* 12014-1 ✓	002	P.I. 231128	9/1
-2			
* 12015-1 ✓	003	VN 18	9/19
-2			
* 12016-1 ✓	005	C.I. 8086	8/20 59"
-2			
* 12017-1 ✓	006	FD 257	8/28 40"
-2			
* 12018-1 ✓	007	FD 258	8/31 42"
-2			
* 12019-1 ✓	008	IRRI 5289	8/25 54"
-2			
* 12020-1 ✓	009	C.I. 9399	9/1 54"
-2			

Upright

Leaf green; wide;

See other pages following!

Ascending

Leaf green; sheath purple trace; purple apicula; stigma purple
weak; mod. to narrow leaf; mgt; mod. to high base.

Ascending

Ascending?

Upright

Leaves green; nodes purple; outside of collar purple; mod. leaf
width; purple sp.; lgt; hairy; weak; mod. to high till; trace
purple in sheath.

Upright

Upright

Ascending

Hulls furnished brown; mgt; hairy; no purple; leaves mod. width
weak;

Ascending

Light purple sheath; leaves green; mod. width; bold lgt;
hairy; mod. till; purple sp.; outside collar; purple

* 12021-1 ✓	012	P.I. 224605	8/26	54"
-2				
* 12022-1 ✓	014	P.I. 220755	9/6	
-2				
12023-1 ✓	023	IRRI 5299	7/18	50"
-2				
-3				
-4				
-5				
-6				
-7				
-8				
-9				
-10				
-11				
12024-1 ✓	024	IRRI 5300	7/18	49"
-2				
-3				
-4				
-5				
-6				
-7				
-8				
-9				
-10				
-11				
-12				
12025-1 ✓	025	IRRI 5311	8/30	48"

Ascending?

Purple sheaths; lower green; mod. width; weak; purple ag; mod. tiller; awnless; nodes green; hairy; mod. to high till; auricle colorless

Ascending?

Lower green; mod. width; auricle & collar purple; hairy; mod. till;

Ascending

No purple parts; int. leaf width; weak straw; mod. tiller; hairy; awnless; straw hull; leaf green.

Ascending

No purple parts; int. leaf width; weak straw; mod. tillering; awnless; straw hull; leaf green.

Ascending?

Green straw; no purple parts; int. leaf width; hairy; mod. tillering; fully awned; colorless outside, soft. mod. straw sheath; straw hull.

12026 -2			
-3			
-4			
-5			
-6			
-7			
-8			
-9			
-10			
-11			
-12			
-13			
-14			
-15			
-16			
-17			
-18			
-19			
-20			
-21			
-22			
-23			
-24			
-25			
-26			
-27			
-28			
12026 -1 ✓	026	IRRI 5316	8/27
-2			
-3			

Ascending

Green leaf; narrow leaf; hairy; no purple parts;
mod. to high tillering; colorless axilla; mgt, trace of aurore
weak straw; straw hull.

-4				
-5				
-6				
-7				
-8				
-9				
-10				
-11				
-12				
-13				
-14				
-15				
12027-1 ✓	027	IRRI 5345	7/31	49"
-2				
12028-1 ✓	028	IRRI 5493	7/22	42"
-2				
-3				
-4				
-5				
-6				
-7				
-8				
-9				
-10				
-11				
-12				
-13				
-14				
-15				

Ascending?

Leaves green; mod. width; smooth; purple trace in leaf sheath; purple sp.; hairy; weak stem; mod. till.; mgt.

Ascending.

Leaves green; hairy; mod. width; high till.; weak stem; hulls brown when mature; no purple parts; mgt.

-16				
12029-1 ✓	029	IRRI 5564	8/12	59"
-2				
-3				
-4				
-5				
-6				
-7				
-8				
-9				
-10				
-11				
-12				
-13				
12030-1 ✓	030	IRRI 5605	8/27	49"
-2				
-3				
-4				
-5				
-6				
-7				
-8				
12031-1 ✓	031	IRRI 5631	9/6	42"
-2				
-3				
-4				
-5				
-6				
-7				

Ascending

Leaves green; mod. to high till.; mod. leaf width;
purple sp.; light purple sheath; hairy; mod.
purple nodes; awnless

Upright?

Leaves green; mod. width; mod. tillering; no purple
parts; fully awned; colorless awnless; sgt.; hairy
nodes green; mod. strength.

Upright?

Leaves green; narrow to mod. width; ~~no purple parts~~;
hairy; mod. to high stem strength; sgt.; hairy;
purple apical; trace of awns;

-8				
-9				
-10				
-11				
12032-1 ✓	032	IRRI 5693	8/10	57"
-2				
-3				
-4				
-5				
-6				
-7				
-8				
-9				
-10				
-11				
12033-1 ✓	033	IRRI 5738	8/10	54"
-2				
-3				
-4				
-5				
-6				
-7				
-8				
-9				
-10				
12034-1 ✓	034	IRRI 5758	7/26	53"
-2				
-3				
-4				

Ascending

Leaves green; mod. width; ap. purple; light purple sheath; mod. to high till; hairy; weak; purple node; ngt; awnless.

Ascending

Leaves green; light purple sheath; mod. to high till.; hairy; mod. leaf width; ngt; ap. purple; node purple; awn purple; weak; partly awned;

Ascending

Leaves green; mod. width; no purple parts; hairy; awnless; straw hull; weak straw; mod. to high till.;

-5				
-6				
-7				
-8				
-9				
-10				
12035-1 ✓	✓ 035	IRRI 5799	7/27	45"
-2				
-3				
-4				
-5				
-6				
-7				
-8				
-9				
-10				
-11				
12036-1 ✓	✓ 036	IRRI 5807	8/2	58"
-2				
-3				
-4				
-5				
-6				
-7				
-8				
-9				
-10				
12037-1 ✓	✓ 037	IRRI 5847	7/21	38"
-2				

Upright

Leaves green; int. width; mod. to high till;
awnless; no purple parts; weak straw; hairy;
lgt with some later mgt;

Ascending

Leaves green; mod. to narrow width; hairy; mod. to
high till; no purple parts; weak straw; awnless;

Straw dull; mgt;

Upright

Leaves green; narrow to mod. width; mod. straw strength;
hairy; pub. ap; trace pub. in sheath; mod. to high till;

-3				
-4				
-5				
-6				
-7				
-8				
-9				
-10				
-11				
12038-1 ✓	038	IRRI 5849	7/22	38"
-2				
-3				
-4				
-5				
-6				
-7				
-8				
-9				
-10				
-11				
12039-1 ✓	039	IRRI 5861	8/1	54"
-2				
-3				
-4				
-5				
-6				
-7				
-8				
-9				

Upright

Leaves green; no purple parts; mod. width; hairy;
mod. straw strength; mgt; awnless; straw hull;
mod. to high till;

Ascending

Leaves green; no purple parts; mod. leaf width; hairy;
mgt; straw hull; ; weak straw; mod. to
high till.; partly awned;

-10				
12040-1 ✓	✓ 040	IRRI 5875	7/29	48"
-2				
-3				
-4				
-5				
-6				
-7				
-8				
-9				
-10				
-11				
-12				
12041-1 ✓	041	C.I. 8331	7/19	46"
-2				
-3				
-4				
-5				
-6				
-7				
12042-1 ✓	042	P.I. 165646	7/20	47"
-2				
-3				
-4				
-5				
-6				
-7				
-8				
-9				

Upright

Leaves green; no purple parts; mod. width; hairy;
mgt; awnless; mod. to high till; weak straw;
straw hull;

Ascending

Leaves green; purple trace in sheath; mod. width;
hairy; weak straw; mod. to high till; purple sp.;
mgt; straw hull;

Ascending

Leaves green; hairy; mod. to narrow; weak straw;
mgt; straw hull; high tillering; no purple
parts;

12043 ✓	043	FD 130	7/31	37"
✓ 12044 -1 ✓	044	FD 193	7/8	42"
-2			7/8	
12045 -1 ✓	045	198	7/17	50"
-2				
12046 -1 ✓	046	199	7/23	54
-2				
12047 -1 ✓	047	204	7/18	43"
-2				
-3				
-4				
12048 -1 ✓	048	206	7/19	45"
-2				
-3				
12049 -1 ✓	049	207	7/23	46"
-2				
-3				
12050 -1 ✓	050	FD 208	7/3	43"
-2			7/3	
12051 -1 ✓	051	FD 211	7/17	51"
-2				
12052 -1 ✓	052	FD 215	7/13	49"
-2			7/15	
-3			7/15	
12053 ✓	053	FD 216	8/19	45"
12054 -1 ✓	054	FD 218	7/16	45"
-2				
12055 ✓	055	P.I. 160433	8/9	48"
12056 ✓	056	FD 251	7/28	

- Upright? Mod. width; mod. to good strength;
 Ascending? Leaf green; no purple; hairy; mod. strength; sgt; straw hull.
 Ascending? Leaf green; no purple spots; hairy; narrow leaf.
 Ascending? fully awned; weak straw; mod. tillering;
 Ascending? Green; no pur.; weak; mgt; hairy; mod. to high till; mod. width;
 Ascending? weak straw; awnless;
 Ascending? Leaves green; weak; mod. to high till; hairy; mod. to narrow width;
 Ascending? no purple;
 Ascending? Same as 12048
 Ascending? Same as 12048
 Ascending? Same as 12048
 Ascending? Same as 12048
 Upright? Same as 12048
 Ascending? Same as 12048
 Ascending? Green straw; purple sp.; trace purple sheath;
 Ascending? weak straw; awnless; narrow leaf; hairy; high tillering
 Ascending? Green straw; no purple spots;
 Ascending? weak straw; high till.; hairy; mod. leaf width
 Ascending? Same as 12048; possible purple infestation
 in some plants!
 Upright? Leaves green; mod. width; mod to low till; mod. to strong straw;
 Ascending? bold sgt; very hairy; no pur.;
 Ascending? No purple; mgt; weak; straw hull; mod width; mod till; awnless; hairy
 Ascending? Same as 12048

12057 ✓	057	FD 252	7/22	47"
12058-1 ✓	058	FD 253	7/18	47"
-2				
-3				
-4				
12059	059	FD 254	No plants.	
12060 ✓	060	FD 255	8/23 2 plants. 46"	
12061-1 ✓	061	FD 256	7/17	47"
-2				
12062-1 ✓	062	FD 220	9/18 apt for mat.	
-2				
-3				
12063-1 ✓	063	FD 221	9/19 reg. for mat.	
-2				
-3				
12064-1 ✓	064	FD 222	9/15 reg. for mat.	
-2				
12065-1 ✓	065	FD 223	9/30	
-2				
-3				
-4				
12066-1 ✓	066	FD 228	9/19	
-2				
12067-1 ✓	067	FD 232	9/29	
-2				
12068-1	068	FD 236		
-2				
-3				
12069-1 ✓	069	FD 237	10/1 some extra reg.	

Upright
Upright?

Ascending Mod. width; med. till; no purple; mgt; partly covered; weak?
Ascending
Ascending Very narrow leaf; high till; weak straw; leaves green; mgt
straw dull; hairy; partly covered; no purple spots;

Ascending - Same as 12062.

Ascending

Ascending

Ascending?

Ascending?

Ascending?

Ascending

-2			
-3			
-4			
12070 ✓	070	FD 245	
12071 -1	071	FD 247	
-2			
12072	072	FD 261	7/19 1 plant
12073	073	FD 264	no plants
12074	074	FD 265	
12075	075	FD 266	
12076	076	FD 267	
12077	077	FD 272	
12078 -1	078	FD 239	
-2			
12079	079	FD 244	
12080 ✓	080	FD 248	10/2
12081 ✓	081	VN 31	8/9 49"
12082 -1 ✓	082	VN 32	8/16 61"
-2			
-3			
-4			
12083 -1 ✓	083	VN 33	8/13 57"
-2			
-3			
-4			
-5			
-6			
-7			
-8			

Upright
Upright

Ascending

Very narrow leaf; high till;

Upright?

Upright?

Pur. leaf margin;

Ascending

High till; weak; green; pur. ap. & pur. sides; trace pur in sheath; mgt.; hairy;
pur. internode; pur. auricle; node green; awnless;

Ascending

Leaves green; narrow; weak; purple internode; pur. auricle & ap.;
node green; high till.; partly awned; awns purple; mgt.; hairy;

Ascending

- Leaves green; narrow; weak; no purple part;
mgt.; awnless; high tillering; hairy.

-9			
-10			
-11			
-12			
-13			
-14			
-15			
-16			
12084-1 ✓	084	VN 34	8/13 57"
-2			
-3			
-4			
12085-1	085	VN 35	
-2			
-3			
12086-1	086	VN 40	
-2			
-3			
-4			
-5			
12087-1	087	VN 42 43	
-2			
12088-1 ✓	088	FD 290	8/13 52"
-2			
-3			
-4			
-5			
-6			
-7			

Ascending - Classification same as 12083

Ascending

Upright

Ascending

Ascending - Classification same as 12083.

-8				
-9				
-10				
12089-1 ✓	✓ 089	CD 4	8/8	45"
-2				
-3				
-4				
-5				
-6				
-7				
-8				
-9				
-10				
-11				
-12				
-13				
12090-1 ✓	✓ 090	JD 5	8/8	44"
-2				
12091-1	091	FD 87		
-2				

Upright?

Upright

curved; soft; mod to narrow leaf; mod. strength;
sp. gold; hull also striped gold; hairy; axils
callosities; nodes green; no purple.

- 12005 - Leaves green; mod. width; weak stem; trace purple in sheath; l-mgt; purple apiculus; hairy; mod. to high till; colorless auricle; node light purple trace.
- 12006 - Leaves green; mod. width; hairy; purple ap.; mgt; purple trace in sheaths; mod. to high till; weak; some colorless segregates or mixture showing somewhat bolder grain; awnless. Node green; colorless auricle.
- 12007 - Leaves green; mgt.; mod. width; weak; mod to high till; hulls brown in grass at maturity; no purple parts. Node green; colorless auricle.
- 12008 - Leaves green; narrow; hairy; lgt; partly awned; apiculus colorless (possibly golden or dried); awns colorless; weak stem; no purple parts; colorless auricle; nodes green;
- 12009 - Leaves green; mod. width; weak stem; hairy; nodes green; auricle colorless; sheath purple; apiculus purple; internodes suffused gold; bold mgt; mod. tillering; (purple in some sheaths)
- 12010 - Leaves green; mod. width; lgt; hairy; no purple parts; awnless; weak; mod. to high till; node green; auricle colorless.
- 12011 - Leaves green; mod width; hairy; weak stem; auricle colorless; mod. to high tillering; pur. trace in sheath; node green;

12012 -

	Growth Habit	Tillering	Grain Type	Sheath Color
12001	upright	low	med-long	purple trace
12002	—	high	medium	" "
12003	—	mod-high	"	green
12004	—	" "	—	purple
12005	—	" "	med-long	purple trace
12006	—	" "	medium	" "
12007	—	" "	"	green
12008	—	—	long	green
12009	—	moderate	medium	purple
12010	—	mod-high	long	purple trace
12011	—	" "	—	" "
12012	ascending	" "	—	" "
12013	—	—	—	—
12014	ascending?	—	—	—
12015	"	—	—	—
12016	upright	mod-high	long	purple trace
12017	"	—	—	—
12018	"	—	—	—
12019	ascending	—	medium	green
12020	"	moderate	bold long	light purple
12021	ascending?	mod-high	medium	purple
12022	" ?	moderate	—	—
12023	ascending	"	—	green
12024	"	"	—	"
12025	" ?	"	short	"
12026	"	mod-high	medium	"
12027	" ?	moderate	"	purple trace

12028	ascending	high	medium	green
12029	"	mod-high	"	light purple
12030	upright ?	moderate	short	green
12031	" ?	—	"	—
12032	ascending	mod-high	medium	light purple
12033	"	" "	"	" "
12034	"	" "	—	green
12035	upright	" "	long (wiped)	"
12036	ascending	" "	—	"
12037	upright	" "	medium	purple trace
12038	"	" "	"	green
12039	ascending	" "	"	"
12040	upright	" "	"	"
12041	ascending	" "	"	purple trace
12042	"	high	"	green
12043	upright ?	—	short	"
12044	ascending ?	moderate	—	"
12045	"	mod-high	medium	"
12046	"	" "	—	"
12047	"	" "	medium	"
12048	"	" "	"	"
12049	"	" "	"	"
12050	"	high	—	purple trace
12051	"	high	—	green
12052	"	mod-high	medium	"
12053	upright	mod-low	short	"
12054	ascending	—	—	—

12055	ascending	moderate	medium	green
12056	"	—	—	—
12057	upright	—	—	—
12058	" ?	—	—	—
12059	No plants.			
12060	ascending	moderate	medium	green
12061	"	high	"	"
12062	"	"	"	"
12063	"	"	"	"
12064	"	—	—	—
12065	"	—	—	—
12066	" ?			
12067	" ?			
12068	" ?			
12069	"			
12070	upright			
12071	"			
12072	One plant			
12073	No plants			
12074	" "			
12075	" "			
12076	" "			
12077	" "			
12078	ascending	high	—	—
12079	upright ?			
12080	"			
12081	ascending	high	medium	purpl trace

12082	ascending	high	medium	—
12083	"	"	"	green
12084	"	"	"	"
12085	"			
12086	upright			
12087	ascending			
12088	"	high	medium	—
12089	upright ?			
12090	"	—	short	green

15010

"

"

Trade

any

1965 Nov.

7530-274-5494
FEDERAL SUPPLY SERVICE
(GPO)

1965 Pop. No.	Source		
95001 -1	94001-13-6		
-2	2-1		
-3	21-8		
-4	14-1		
-5	26-10		
-6	24-7		
-7	2-2		
-8	20-9		
-9	13-9		
-10	14-9		
-11	2-4		
-12	23-6		
-13	2-3		
-14	20-7		
-15	26-4		
-16	12-2		
-17	1-6		
-18	12-8		
-19	20-1		
-20	1-1		
-21	13-4		
-22	24-1		
-23	21-7		
-24	1-7		
-25	26-6		
-26	14-6		
-27	12-6		
-28	12-5		
-29	23-1		

No.
plants
Harvested

1965 Pop. No.	Source		
95001-30	94001-26-8		
-31	1-3		
-32	24-8		
-33	24-9		
-34	23-2		
-35	20-8		
-36	21-3		
-37	13-5		
-38	23-9		
-39	14-7		
-40	21-5		
95002-1	94002-7-3	6 ✓	Actual 6
-2	7-4	14	12
-3	8-9	11	11
-4	8-6	11	11
-5	24-7	7	8
-6	13-6	13	13
-7	17-4	3	3
-8	7-8	8	7
-9	24-3	6	6
-10	11-5	9	10
-11	6-1	8	8
-12	17-6	10	10
-13	17-8	8	8
-14	17-9	10	9
-15	8-2	6	6
-16	11-4	4	4
-17	13-8	6	6
-18	18-4	6	5

1965 Pop. No.	Source		
95002-19	94002-3-4		9 9
-20	24-5		6 6
-21	7-2		6 6
-22	18-8		5 5
-23	6-6		12 12
-24	24-4		4 4
-25	6-7		3 3
-26	13-7		2 2
-27	18-6		5 5
-28	19-8		15 15
-29	19-7		9 9
-30	19-4		15 16
-31	6-8		13 14
-32	3-6		15 16
-33	13-2		11 11
-34	18-1		14 14
-35	3-7		12 12
-36	8-5		15 15
-37	19-1		1 1
-38	11-3		15 12
-39	11-1		12 12
-40	3-2		10 10
95003-1	94003-34-9	80008-129	355
-2	17-7	- 69	
-3	75-17	- 395	
-4	43-16	- 174	
-5	28-9	- 108	
-6	36-16	- 134	
-7	33-14	- 128	

1965 Pop. No.	Source		
95003-8	94003-43-18	80008-174	
-9	34-16	-129	
-10	36-5	-134	
-11	91-15	-453	
-12	91-6	-453	
-13	91-17	-453	
-14	28-3	-108	
-15	78-12	-409	
-16	28-11	-108	
-17	43-14	-174	
-18	95-7	-462	
-19	78-5	-409	
-20	91-7	-453	
-21	44-6	-176	
-22	76-4	-403	
-23	33-6	-128	
-24	80-8	-414	
-25	59-13	-283	
-26	44-7	-176	
-27	34-4	-129	
-28	36-7	-134	
-29	91-12	-453	
-30	44-12	-176	
-31	17-13	-69	
-32	75-9	-395	
-33	76-5	-403	
-34	59-4	-283	
-35	28-16	-108	
-36	17-10	-69	

95003-37	94003-2-5	80008-138	
-38	13-6	-52	
-39	59-7	-283	
-40	13-12	-52	
-41	34-17	-129	
-42	17-2	-69	
-43	44-14	-176	
-44	75-5	-395	
-45	80-7	-414	
-46	75-13	-395	
-47	17-3	-69	
-48	80-11	-414	
-49	44-9	-176	
-50	95-14	-462	
-51	95-11	-462	
-52	76-9	-403	
-53	13-13	-52	
-54	95-13	-462	
-55	80-14	-414	
-56	2-9	-5	
-57	2-3	-5	
-58	2-14	-5	
-59	59-2	-283	
-60	33-18	-128	
-61	28-8	-108	
-62	13-15	-52	
-63	95-2	-462	
-64	76-6	-403	
-65	28-6	-108	

95003-66	94003- 2-12	80008- 5	
-67	13-2	-52	
-68	36-13	-134	
-69	33-12	-128	
-70	75-12	-395	
-71	80-6	-414	
-72	33-15	-128	
-73	95-8	-462	
-74	91-3	-453	
-75	36-11	-134	
-76	33-3	-128	
-77	80-12	-414	
-78	59-9	-283	
-79	78-7	-409	
-80	76-11	-403	
-81	36-17	-134	
-82	44-5	-176	
-83	13-14	-52	
-84	2-11	-5	
-85	78-3	-409	
-86	78-8	-409	
-87	43-19	-174	
-88	34-11	-129	
-89	43-10	-174	
-90	78-13	-409	
-91	43-5	-174	
-92	17-5	-69	
-93	34-19	-129	
-94	59-14	-283	

80008-212

CH-

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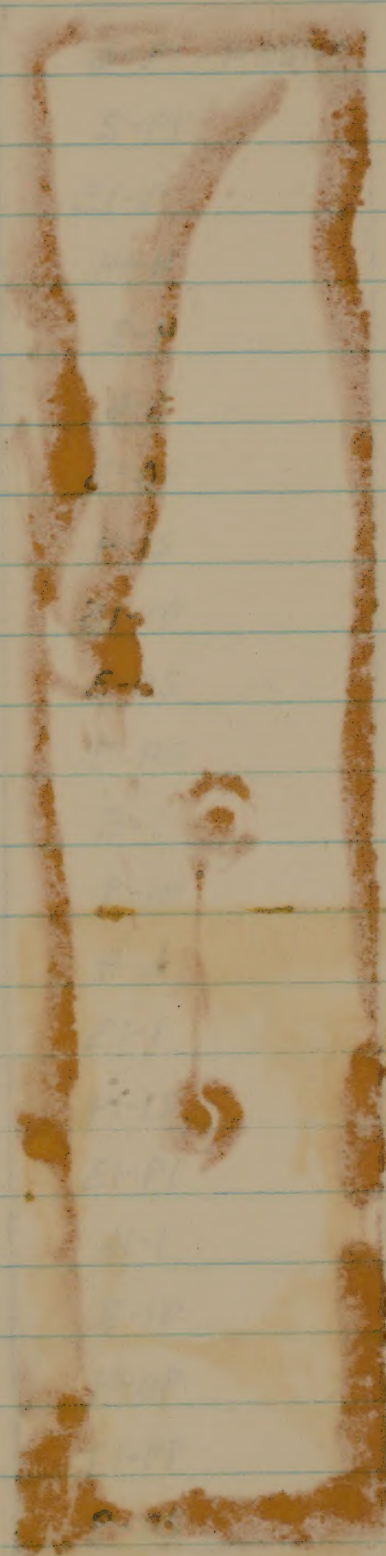
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95003-95	94003-75-2	80008-395	
-96	76-8	-403	
95004-1	94004-90-5		
-2	19-3		
-3	21-17		
-4	21-8		
-5	3-11		
-6	1-8		
-7	4-6		
-8	4-18		
-9	19-4		
-10	19-14		
-11	3-15		
-12	90-15		
-13	3-4		
-14	90-10		
-15	99-8		
-16	91-14		
-17	6-2		
-18	6-5		
-19	91-5		
-20	4-3		
-21	6-1		
-22	99-10		
-23	20-6		
-24	1-11		
-25	20-2		
-26	6-3		
-27	21-19		



95004-28

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19-6

99-2

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3-6

90-3

21-4

91-15

20-3

99-7

1-5

91-9

6-4

1-13

21-14

19-13

1-16

91-8

90-4

99-17

20-9

75001

74001

Nato

75002

74002

Asahi

75007	74007		
75008	74008	W.C. 921	
No 75009			
75010	Bluebelle		
75011	T (N) 1		
75012	C.I. 9545		
75013	P.I. 215936		
75014	C.P. 231		

75013	C.P. 231		
75014	Novd		
75015	C.I. 9534		
75016	Lacrosse (Stg.)		
75017	Bmt. 64-372		
75018	Northrose		
75019	Caloro		

75019	Caloro		
75020	Lacrosse		
85001	F ₂ , B6334A5		
85002	F ₂ , B6335A ₂		
85003	F ₂ , B6336A7		
85004	F ₂ , B6336A-8		
85005	F ₂ , B6336A-9		

95001

Selected the 5 strongest and 5 weakest F_3 lines from 94001 on the basis of F_3 line means. Then selected the 2 strongest and the 2 weakest plants in each line. This gave a total of 40 F_4 lines from this cross for testing in 1965. In making plant selections, no border or damaged plants were included. Ignored maturity and other characters except straw strength in making selections. The order of planting these F_4 lines was random, based on Suedecor's random numbers table.

95002

Selected 5 strongest and 5 weakest F_3 lines for straw strength on the basis of F_3 line means. Then selected the 2 strongest and the 2 weakest plants in each line, for a total of 40 F_4 lines in 1965. No border or damaged plants were included and all characters except maturity were ignored in selecting. The order of planting these F_4 lines was randomized.

